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OBSERVATIONS ON THE BARN OWL IN WEST TENNESSEE, 1985-2013

Knox Martin, Director
Mid-South Raptor Center, Memphis

The Barn Owl (*Tyto alba*) is considered rare in Tennessee. It was first designated a species "In Need of Management" in 1976 (Tennessee Wildlife Resources Agency 1976), and has since continued to be designated a species of Greatest Conservation Need (Tennessee Heritage Program 2009, Tennessee Wildlife Resources Agency 2005). Barn Owls inhabit open or partly open country throughout their range and often occur in close proximity to humans and human structures, such as barns and silos (American Ornithologists' Union 1983).

Despite being a bird of open country and often near human habitation, the population status of Barn Owls is difficult to assess. Barn Owls are elusive and nocturnal birds of prey. To better understand the population status, the Tennessee Wildlife Resources Agency distributed fliers around the state requesting information on sightings the 1980's. The scarcity of reports submitted to the agency confirmed the rare status given this species. In 1986, 13 Barn Owls were seen at the Mid-South Raptor Center (formerly at the Memphis Zoo), a facility devoted to the rehabilitation and release of birds of prey. Since that time Barn Owl numbers have fluctuated. I provide here a few anecdotal comments on the status of Barn Owls in west Tennessee and parts of north Mississippi, based on 28 years of working with these and other raptor species between 1985 and 2013.

Barn Owls differ from other owl species in that they will often nest year-round if weather conditions are favorable. The life span of the Barn Owl is relatively short, usually 3 years or less, but birds are sexually active at one year of age, and their clutch sizes can be impressive. While most owls have a clutch size of 2 to 4 and generally have a single or perhaps two clutches per breeding season, Barn Owls can have clutches of up to 10 chicks and can have three clutches per year (Marti et al. 2005). By comparison, Great Horned Owls (*Bubo virginianus*) may live for 20 years and have a single clutch of two young per year.

Since record keeping began in 1985, Barn Owl chicks have been documented in every month of the year. For example, one clutch of 7 young was rescued on Christmas Eve.

Several different clutches or individual "branchlings" (a juvenile bird that has left the nest but is still not completely independent or able to fly) were brought to the Center in early to mid-January over the years. A possible explanation for these early clutches may be due to the reasonably mild winters west Tennessee has experienced in recent years. Harsh winter weather over consecutive days can cause notable Barn Owl mortality (Marti et al 2005), therefore it still seems likely that many of these winter clutches did not survive.

Nesting locations vary considerably. The Barn Owl nests in tree cavities in natural settings, but the vast majority of active nests I've observed over the past 28 years have been in some type of human structure. The most unusual nest location was in the rear of an inactive helicopter on a two-story platform used by the Memphis Police Department Swat Team to practice repelling. This clutch had 5 chicks. Another unusual nest was a clutch of 4 chicks discovered in the barrel of an abandoned cement mixer in the middle of a junk yard. The yard was full of junk cars and trucks, old school buses, and assorted larger vehicles, so there was probably an abundance of rodents to feed the nestlings. Another active nest was in a busy airplane hanger at the Memphis International Airport.

Repeated use of nesting locations has been notable as well as has the ready use of wooden nesting boxes. There have been active nests on the grounds of Agricenter International in east Memphis for at least 15 years. One nest site at the Wolf River Wildlife Management Area, Fayette County, Tennessee, has been active for at least 20 years, and in a nest box since 2001. One nest has been used in an abandoned cotton gin near Wapanocca NWR, Crittenden County, Arkansas, for a number of years, and another was found in an abandoned steel mill near President's Island in south Memphis, Shelby County, Tennessee. Many nests are in residential areas including one in a clock tower and another in the steeple of an active church in midtown Memphis.

Barn Owls were thought to be highly dependent on pasture lands to be able to survive, but it would seem that the owl is much better able to adapt to changing conditions than was first thought. Even those nests found in highly industrialized areas of Memphis (Figure 1) had signs of many different mammal and bird species used to feed the young. A majority of active nests observed in recent years have been found in urban settings, and while there are certainly many rural nests in west Tennessee, it is obvious that the bird can adapt when necessary.

While it is thought that the Barn Owl is relatively rare in the west Tennessee area, my observations since 1985 seem to question this designation. From 1985 through 2013, a total of 297 individual birds have come through the Center. The highest numbers were in 1995 and again in 1998 when 29 individual birds were treated for each of those years. Since 2000 the number of birds seen has been in the single digits up to 2013 when 13 birds were seen (Martin 2012). The average number of birds coming through the Center is 10 per year. Many years the Barn Owl was the most common raptor seen at the center. Almost all of these birds came from locations in west Tennessee although a few have come from areas in north Mississippi. Many large clutches accounted for elevated numbers in some years, but individual birds also made up a large percentage of birds seen each year.

Some studies of the owl indicate the population is limited by the weather and more specifically the amount of snowfall seen in any given year (Marti et al. 2005). A possible

explanation of the high number of Barn Owls seen in west Tennessee may result from climate of the area. One raptor rehabilitation center near St. Louis carried out a Barn Owl reintroduction program for a number of years, and over 150 birds were released in areas in and around St. Louis. Over the years the number of sightings increased and several birds utilized nest boxes put up by the center. While some winters had extreme cold they were generally dry with little or no snow. The birds seemed to tolerate cold temperature. However, extremely heavy snowfall occurred one year with accumulation of 30 centimeters and covered the ground for several weeks. In the spring, no owls were brought to the center. It seems that while they can tolerate cold temperature, they will starve if the snow cover lasts more than a few days. In west Tennessee the past several years were largely snow free, and the owls overwintered well, even hatching young in the winter months.

My observations at the Center indicate that for the past 28 years the status of the Barn Owl in west Tennessee has been stable, and in some instances increased. While this is not a scientific study, the number of birds seen during that time may be a reflection of the overall population health. At the Center the number of Barn Owls treated over the years has remained strong relative to other species. I am hopeful Barn Owls will continue to thrive in the west Tennessee area.

Figure 1. Knox Martin working with a Barn Owl nest in a highly industrialized section of Memphis, Tennessee.

LITERATURE CITED

American Ornithologists' Union. 1983. Checklist of North American Birds. Allen Press: Lawrence Kansas.

Marti, C. D., Poole, A.F., and L.R, Bevier. 2005. Barn Owl (*Tyto alba*), The Birds of North America Online (A. Poole, Ed.). Ithaca: Cornell Lab of Ornithology; Retrieved from the Birds of North America. Online: http://bna.birds.cornell.edu/bna/species/001.

Martin, K. 2012. Mid-South Raptor Center rehabilitation program: a ten year review 2003 – 2012. The Migrant 83(3):96–98.

Tennessee Natural Heritage Program. 2009. A guide to Tennessee's Rare Wildlife. Tennessee Department of Environment and Conservation: Nashville, TN. Retrieved online: http://www.tn.gov/environment/natural-areas/docs/animal_list.pdf.

Tennessee Wildlife Resources Agency. 1976. Tennessee Wildlife Resources Commission Proclamation No. 76-14. 1976. Wildlife in need of management. Nashville.

Tennessee Wildlife Resources Agency, 2005. Tennessee's Comprehensive Wildlife Conservation Strategy. TWRA 08: Nashville, TN.

FIRST RECORD OF LONG-BILLED MURRELET IN TENNESSEE

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Jeff Wilson, Bob Foehring and I observed a Long-billed Murrelet (*Brachyramphus perdix*) during the Reelfoot Christmas Bird Count on 14 December 2002. The bird was located about 200 meters out from White's Landing on Reelfoot Lake, Lake County, Tennessee. Jeff was the first to sight the bird; Bob and I observed it soon afterwards. None of us spoke about field marks or identification of the species until all of us could view the bird.

My first impression was a small black and white bird diving repeatedly in the open water of the lake that was noticeably smaller than the Ruddy Ducks (*Oxyura jamaicensis*), Pied-billed Grebes (*Podilymbus podiceps*), and Horned Grebes (*Podiceps auritus*) seen nearby. This small bird was dark on the back and nape, with white from the throat down the chest. At about 200 meters through the scope, the straight border between the dark and light areas on the sides of the neck gave the bird a look not unlike that of a Pacific Loon (*Gavia pacifica*) in winter plumage. The size of the bird, however, was much smaller than any loon species and the head was more wedge-shaped, also unlike a loon. The silvery water reflection and distance did not permit me to see the exact location of the white at the water line, but the bird appeared to me to be sitting fairly low in the water.

Bob's first impression was that the bird was an Alcid, and was possibly a Marbled Murrelet (*Brachyramphus marmoratus*), a species that he has observed often in the Pacific Northwest. Long-billed Murrelet was split from Marbled Murrelet in 1997 based on evidence based on allozyme data (Friesen et al 1996). Field identification is possible based on plumage characteristics (Mlodinow 1997). We discussed the field marks that we had seen and agreed that these were consistent with Long-billed Murrelet.

Access from the southeast shoreline provided a closer view, so we set up our scopes on the boardwalk at the Reelfoot Lake State Park Ellington Visitor Center. Jeff re-located the bird looking to the north, this time at approximately 100 meters. I noted a small black and white bird steadily swimming to the right. At this closer distance I saw a faint hint of the white arcs around the eye. The size, shape, and markings were all consistent with those of a Long-billed Murrelet. I had the bird in view this time for about 30 seconds but the view was perfect. Once again, my first impression was a small alcid, dark above, and light below. The bill was relatively large for such a small bird - stout, dark and pointed. The nape was dark and the dark made a conspicuous line from the bill, under the eye, and down the side of the neck.

There was no white on the back of the neck of this bird, as is characteristic of Marbled Murrelet which gives it a "white collared" look. It dove once for a couple of seconds while I had it in view. As it dove it gave a little wing flick. Once it came back to the surface the neck looked short, giving a different appearance to the bird. It then quickly raised its head again, stretched its neck and swam out of sight. I detected lighter markings on the sides above the

wings and on the hind part of the back, but I could not detect the exact pattern of the white. The bird sat relatively low in the water when swimming. When it dove, it dove forward with the head, like a diving duck. As it dove forward, I could also see white under tail coverts. Jeff immediately pulled out an index card and made a sketch, and Bob and I agreed on what each of us had seen (Figure 1).

The size, shape, general impression and plumage details that I noted in all views of this bird were those of a Long-billed Murrelet. At no time did any of us ever see anything to indicate that the bird was anything other than a Long-billed Murrelet.

On 15 December, several people gathered to look for the bird, but the weather conditions had worsened considerably. Jeff observed a distant bird moving to the east that was small, short necked, and dark and light patterned, but the choppy waters and distance prevented positive identification. Others had similar observations by boat, but no positive identification was possible. None of these sightings were definitive, but indicate that the bird was likely still in the area.

Long-billed Murrelets breed in Japan through the Sea of Okhotsk to the Kamchatka peninsula, Russia; as of January 1997, there were 36 records of Long-billed Murrelets in North America and five from the southeastern United States. This is the first recorded occurrence of a Long-billed Murrelet in Tennessee. The Tennessee Bird Records Committee accepted this record in December 2014. A Long-billed Murrelet was also observed on 15 December 2002, swimming off the beach at Fort Macon State Park in North Carolina during the Morehead City Christmas Bird Count (Davis 2003).

Editor's note: Please note the publication of this issue was after the Tennessee Bird Records Committee decision to accept and thus is included here.

LITERATURE CITED

Davis, R. 2003. The Winter Season: Central Southern Region. *North American Birds.* 57:189-191.

Friesen, V.L., J.F. Piatt, and A.J. Baker. 1996. Evidence from allozymes and cytochrome-b sequences for a new species of alcid, the Long-billed Murrelet (*Brachyramphus perdix*). Condor 98(4): 681-60.

Mlodinow, S. G. 1997. The Long-billed Murrelet (*Brachyramphus perdix*) in North America. Birding (December): 461-475.

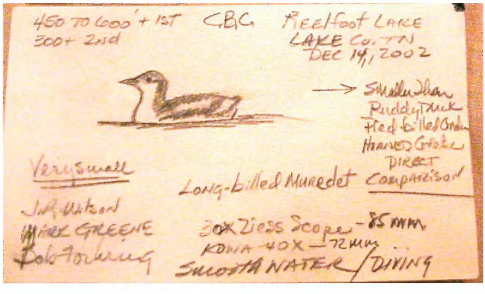

Figure 1. Long-billed Murrelet sketch drawn by Jeff Wilson with collaboration from Mark Greene and Bob Foehring, immediately following their observation of this species at Reelfoot Lake.

ROUND TABLE NOTE

WINTER RECORD OF PAINTED BUNTING IN KNOXVILLE, TENNESSEE - A male Painted Bunting (*Passerina ciris)* was present at our backyard millet feeder from 27 January thru 14 February 2014. The bird was a frequent visitor to our feeder, often several times a day. He was very wary when he first came to the feeders, only coming when other similar sized birds were feeding. He flew off quickly when a larger bird came to the feeder or if a human came near. Over a few weeks, he became more confident and would come to the feeder when other birds were not present. We never witnessed the bunting feeding on the ground, only at the tube feeder.

The Painted Bunting is a rare bird any time of the year in east Tennessee, but even more so in the winter months. One other winter record exists for Knox County in 2007, also a single adult male at a feeder (The Migrant 78(2):83. These two Knox County records are the only winter records for the state. Several members of Knoxville TOS also were able to view the Painted Bunting.

Bob Howdeshell, Knoxville, Tennessee

The Migrant 85(1): 6-19, 2014

THE 2013 TENNESSEE CHRISTMAS BIRD COUNT

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The 2013 Tennessee Christmas Bird Count (CBC) season is the 83rd compilation in Tennessee, with 30 counts reporting data. Nearly 500 participants found 153 species this year. The weather across the state was mixed as usual, with about half the counts experiencing rain and most dealing with windy conditions. Temperatures ranged from a bracing 18° F at Jackson and Reelfoot to a balmy 75° F on the Columbia count.

The very cold winter temperatures further north likely were responsible for many record numbers for species such as waterfowl, Northern Harrier and Short-eared Owl, but this was not an irruption year for winter passerines. Only 17 Red-breasted Nuthatches and one Pine Siskin were reported for the state. Say's Phoebe and Yellow Warbler were both new species for the Tennessee CBC compilation. This brought the all-time total of species found on Tennessee CBC's to 264 (plus 6 more count week only species). Seen for only the second time in count history are Pacific Loon, Prairie Falcon and Northern Rough-winged Swallow (both records in the last three years).

COUNT SUMMARIES

cw = count week species (3 days before and 3 days after actual count date)
F/Y = feeder/yard watcher

BRISTOL (36.583°, -82.1°) – 29 December; 0715-1715. Weather: cloudy with light rain; wind SW 0-15 mph; 39-43° F. Observers: Rob Biller, Ron Carrico, Ruth Clark, Wallace Coffey, Rack Cross, Sam Evans, Kevin Hamed, Ron Harrington, Tom Hunter, Rick Knight, Roy Knispel, Phillip Lewis, Richard Lewis (compiler: 407 V.I. Ranch Rd., Bristol, TN 37620; mountainbirds@gmail.com), Larry McDaniel, Chris O'Bryan, Randy Smith and Michele Sparks.

BUFFALO RIVER (35.3°, -87.467°) – 16 December; 0530-1730. Weather: partly cloudy; wind SW 0-10 mph; 25-45° F. Observers: Frances Markine, Gary Markine, Warren Massey, Royce Neidert, Bill Pulliam, Polly Rooker, Andrew Salhaney, Donette Sellars, Damien Simbeck (secondary compiler), Don Simbeck (compiler: 424 Riddle Ln., Loretto, TN 38469; dnks@lorettotel.net) and Laura Taprantzis.

CADE'S COVE (35.6°, -83.833°) – 29 December; 0715-1730. Weather: intermittent cold rain in the morning; cloudy in the afternoon; light wind; 42-50° F. Bald Eagle was recorded for the first time on this count, bringing the all-time total to 99. Observers: Jean Alexander, Mark Armstrong, Robin Barrow, Meredith Clebsch, Ed Dorr, Margaret Dorr, Paul Hartigan, Tom Howe, Susan Hoyle (compiler: P. O. Box 11752, Knoxville, TN 37939; hoyleshrike@gmail.com), Jim Human, David Johnson, Kristine Johnson, Tony King, Bridgit McNew, Logan Rosenberg, Milly Rosenberg, Martha Rudolph, Gail Todd and June Welch.

CHATTANOOGA (35.1°, -85.233°) – 14 December; 0530-1830. Weather: cloudy with some heavy rain in the morning, clearing in the afternoon; wind 0-5 mph; 39-54° F. Ross's Goose is a new species for this count, bringing the all-time total to 170. Observers: David Aborn, Clyde Blum, Gary Brunvoll, Kevin Calhoon (compiler: 934 Craven's Terrace, Lookout Mountain, TN 37409; kac@tennis.org), John Diener, Kay Florello, Danny Gaddy, Lizzie Goodrich, Bill Haley, Dennis Harris, Julie Hawbaker, Daniel Jacobson, Starr Klein, Gary Lanham, Pixie Lanham, Jonnie Sue Lyons, Barbara McMahan, Mike McMahan, David Patterson, Tommie Rogers, Susan Schott, Holly Slater, David Spicer, Carl Swafford, Cynthia Wilkerson and Jimmy Wilkerson.

CLARKSVILLE (36.5°, -87.383°) – 4 January; 0700-1715. Weather: cold and mostly sunny; wind SW 9-20 mph, with gusts to 30 mph; 25-46° F. Bufflehead and Red-breasted Merganser (cw) are new species. Observers: Suva Bastin, Allison Bennett, Wendy Calloway, Kathy Dewein, Mike Dinsmore, Kevin Fitch, Elaine Foust, Jon Hoch, Gloria Milliken, Daniel Moss (compiler: 395 Janet Dr., Pleasant View, TN 37146; dmoss5@earthlink.net), Polly Rooker, Cyndi Routledge, Jo Anne Routledge, Larry Routledge, Steve Routledge, Joe Schiller, Paul Schwab, Rick Shipkowski, Chris Sloan, Scott Somershoe, Chloe Walker and Melinda Welton.

COLUMBIA (Mayfield-Gray chapter**)** (35.6°, -87.167°) – 21 December; 0800-1700. Weather: cloudy, with heavy rain in the afternoon; wind S 0-17 mph; 62-75° F. Observers: Phyllis Coble, Tommy Edwards (compiler: 896 Iron Bridge Rd., Columbia, TN 38401; Tommy.Edwards@state.tn.us) and William Jernigan.

COOKEVILLE (36.15°, -85.467°) – 14 December; 0500-1700. Weather: overcast with intermittent drizzle and rain; wind SW 0-15; 40-52° F. Observers: Sharon Brines, Wally Brines, Douglas R. Bruce, Daniel L. Combs, Douglas A. Downs, Ginger K. Ensor, Melinda S. Fawver, Janie C. Finch, Richard C. Finch, Linda Henderson, Merritt Ireland, Nancy S.

Layzer, Edmund K. LeGrand, Susan E. Pirolo, Stephen J. Stedman (compiler: 2675 Lakeland Dr., Cookeville, TN 38506; sstedman@tntech.ed) and Carol D. Williams.

CROSS CREEKS N. W. R. (36.467°, -87.783°) – 4 January; 0630-1430. Weather: clear; 25-47° F. Observers: Joe Casey, Joe Hall, Blake Hunt, Shaun Hunt, Madge Lawrence, Joyce North, Al Peckham (F/Y), Gary Rice, Susan Rice and Sarah Welker (compiler: P.O. Box 485, Dover, TN 37058; swelk50@yahoo.com).

CROSSVILLE (38.862°, -85.018°) – 23 December; 0500-1700. Weather: overcast with slight drizzle and brief fog in the morning, cloudy in the afternoon; wind NNW 9-13 mph; 31-34° F. Observers: Bruce M. Anderson, Nan E. Beesley, Daniel L. Combs, Douglas A. Downs, Annell S. Fields, Edmund K. LeGrand (compiler: 1631 Leffle Webb Rd., Crossville, TN 38572; elegrand@frontiernet.net), Michael P. O'Rourke, Stephen J. Stedman and Winston A. Walden.

DeKALB COUNTY (36.02°, -85.83°) – 19 December; 0530-1740. Weather: mostly clear; wind S 0-5; 32-62° F. The 91 species is a new count record. Observers: John Barthelme, Jonathan Carpenter, Virginia Curtis, Douglas A. Downs, Todd Foster, Trevor Foster, Judy C. Fuson (co-compiler), Michael J. Hawkins, Nancy S. Layzer, Edmund K. LeGrand, Mac McWhirter, Susan McWhirter, Gail Miller, Tom Miller, Michael P. O'Rourke, Thomas M. Saya, Scott Somershoe, Stephen J. Stedman, Holly Taylor, Mark Taylor, Winston A. Walden and Carol D. Williams (co-compiler: 3909 Cookeville Highway, Smithville, TN 37166; caroldenson1@gmail.com).

DUCK RIVER (35.533°, -86.9°) - 4 January; 0530-1730. Weather: clear; 25-49° F. Observers: Adam Beachy, Chad Beachy, Evan Beachy, Rose Beachy, Seth Beachy, Hope Gammon, Alfred Mast, Freeman Miller, Bill Pulliam, James Schrock, Leo Schrock III, Ruben Stoll (compiler: birdchaserrws@gmail.com), Victor Stoll, Alan Troyer, Henry Troyer and Leona Troyer.

ELIZABETHTON (36.333°, -82.123°) – 14 December; 0545-1700. Weather: cloudy with light to moderate rain until mid-day; wind light and variable, 10-20 mph at higher elevations; 35-48° F. The Greater White-fronted Goose is a new species (present since late October). Observers: Fred Alsop, Darla Anderson, James Anderson, Jim D. Anderson, Jerry Bevins, Rob Biller, Kevin Brooks, Gilbert Derouen, Glen Eller, David Kirschke, Rick Knight (compiler: 804 N. Hills Dr., Johnson City, TN 37604: rknight8@earthlink.net), Roy Knispel, Joe McGuiness, Tom McNeil, Charles Moore, Cathy Myers, Kathy Noblet, Brookie Potter, Jean Potter, Chris Soto, Michele Sparks, Bryan Stevens, Kim Stroud and Gary Wallace.

FAYETTE (35.2°, -89.42°) – 20 December; 0600-1700. Weather: cloudy to partly clear; 55-70° F. Green-winged Teal and Short-eared Owl are new species. Observers: Judy Dorsey, Lillian Durand, Kate Gooch (co-compiler: 2900 Garden Ln., Memphis, TN 38111; goochpb@att.net), Van Harris, Jim Johnson, Barbara Korpi, Gaynell Perry, Dick Preston, Allen Trently, Martha Waldron and Dick Whittington. Non-participating co-compiler was Fields Falcone (1245 Sledge Ave, Memphis 38104; josephine.falcone@gmail.com).

FRANKLIN/COFFEE COUNTIES (Highland Rim chapter) (35.302°, -86.057°) – 16 December; 0200-1600. Weather: clear; 30-60° F. Great Egret, Least Sandpiper and Winter Wren are new species. Observers: Larry Bowers, Susie Bowers, Richard Candlar, Jonathon Carpenter, Jim Harwell, Rachel Harwell, Josie Henley, John Lamb, Linda Myers, LouAnn

Partington (compiler: 92 Maple Ave., Tullahoma, TN 37388; louannpartington@yahoo.com) and Kerry Syler.

GREAT SMOKEY MOUNTAINS N. P. (35.717°, -83.483°) – 21 December; 0645-1700. Weather: partly cloudy with heavy rain in the morning, cloudy with some rain in the afternoon; wind 5-25 mph; 50-72° F. Bald Eagle is a new species bringing the total to 110. Observers: Warren Bielenberg Compiler: 2127 Spalding Dr., Maryville, TN 37803; birdglass44@aol.com), Jennifer Burke, Kevin Burke, Wanda Dewaard, Jessica Evans, Troy Evans, Shawn Hatmaker, Frances Hensley, Leon Hensley, Tom Howe, Susan Hoyle, Kristine Johnson, Carry Jones, Tony King, Butch McDade, Julie Pearson, Joni Renner, Andy Troutman, Debbie Troutman and Keith Watson.

HICKORY-PRIEST (36.2°, -86.667°) – 1 January; 0530-1700. Weather: clear; wind SE 0-15 mph; 21-50° F. Observers: Beth Adams, Kristy Baker, Ingle Bob, Jon Carpenter, Phillip Casteel, Richard Conners (compiler: 603 Barrywood Dr., Nashville, TN 37220; rconnorsphoto@aol.com), Jerry Drewry, Len Echols, Richard Fox, Tarcila Fox, Charlotte Green, Mark Hackney, Judy Luna, Ken Oeser, Amy Potter, Sarah Scott, Jan Shaw, Chris Sloan, Mike Smith, Scott Somershoe, Josh Stevenson, Joe Stone, Sabin Thompson, Chloe Walker and Roy Zimmerman.

HIWASSEE (35.367°, -84.9°) – 4 January; 0545-1800. Weather: foggy in the morning becoming partly clear in the afternoon; wind 0-5 mph; 22-48° F. Prairie Falcon and Northern Rough-winged Swallow are new species bringing the species total to 150. Observers: David Aborn, Harold Birch, Clyde Blum, Kevin Calhoon (compiler: 1185 Mountain Creek Rd., Apt. 715, Chattanooga, TN 37045; kac@tennis.org), Sam Clark, Michael Culbreth, John Dever, John Diener, Kay Fiorello, Lisa Flores, Danny Gaddy, Lizzie Goodrick, Rick Houlk, Starr Klein, Gary Lanham, Pixie Lanham, Chris Manus, Laura Marsh, Charles Murray, Tommie Rogers, Susan Schott, Carl Swafford, Cynthia Wilkerson, Jimmy Wilkerson and Libby Wolfe.

JACKSON (35.617°, -88.817°) – 28 December; 0630-1730. Weather: partly cloudy in the morning, clearing in the afternoon; wind SW 0-5 mph; 18-47° F. Orange-crowned Warbler is a new species, bringing the cumulative species total count to 127, plus 1 cw. Observers: Bob Ford, Mark Greene (compiler: 194 Mount Orange Road, Trenton, TN 38382; greenesnake@yahoo.com), Beth Peterson (F/Y) and Allen Trently.

KNOXVILLE (35.917°, -84.083°) – 4 January; 0500-1920. Weather: clear all day with some patchy fog on the water in the morning; wind SW 0-20 mph; 15-48° F. The 105 species this year is a record high total from the previous 102. Surf Scoter is a new species. The 16 Cooper's Hawks sets a new state high total. Observers: Jean Alexander, Stephen Lyn Bales, Robin Barrow, Frank Bills, Deedee Blaine, Sharon Bostick, Sandy Campbell, Billie Cantwell, Gail Clendenen, Steve Clendenen, Michael Crouse, K. Dean Edwards (compiler: 1615 Meadow Chase Lane, Knoxville, TN 37931; sparverius@comcast.net), Chuck Estes, Lola Estes, Patty Ford, Carole Gobert, Cheryl Greenacre, Paul Hartigan, Ron Hoff, Angela Hoffman, Tom Howe, David Howell, Susan Hoyle, James Human, David Johnson, Susie Kaplar, Tony King, Sherry Ladd, Seth McConchie, Dollyann Myers, Charles P. Nicholson, Adam Patterson, Karen Petrey, Krystle Pettit, David Powers, Joseph Pyle, Kellie Pyle, Talissa Ralph, Kelly Roy, Martha Rudolph, Michael Ryon, Kurt Sickafus, Ryan Trenkamp, Andy

Troutman, Keith Watson, Elliot Webster, Chris Welsh, Deb Welsh, Eddy Whitson and Corwin Witt.

MEMPHIS (35.15°, -89.933°) – 15 December; 0645-1700. Weather: cloudy in the morning, partly clear in the afternoon; wind NW 0-17 mph; 32-40° F. Observers: Betty Blaylock, David Blaylock, Chad Brown, Michael Collins, Sue Cosmini, Susan Davis, Judy Dorsey, Gregg Elliott, Jim Ferguson, Sue Ferguson, Van Harris, Robert Ilardi, Margaret Jefferson (compiler: 349 Hawthorne Ave., Memphis, TN 38112; mjefferson100@hotmail.com), Lisa Jorgensen, Pam Key, Keith Kunkel, Georges McNeil, Larry McPherson, Mac McWhirter, Susan McWhirter, Gerald Papachristou, George Payne, Gaynell Perry, Ernest Restivo, Virginia Reynolds, Jo Robinson, Stephan Schoech, Edwin Thomas, Allan Trently, Jamie Vespo, Steven Wagner, Jim Waldron, Martha Waldron and Jay Walko.

NASHVILLE (36.05°, -86.933°) – 15 December; 0545-1700. Weather: cloudy; wind NW 6-12 mph; 28-39° F. Observers: Kristy Baker, Sandy Bivens, Susan Bradfield, Trae Bradfield, David Buchanan, Jean Buchanan, Ed Byrne, Margaret Cameron, Clay Collins, Richard Conners, Mark Crawford, Frank Fekel, Tarcila Fox, John Froeschauer, Susan Hollyday, Margie Koehler (F/Y), Andy Lantz, Judy Luna, Camille Monohan, Ken Oeser, David Olmstead, Carol Parmer, Amy Potter, Leslie Ann Rawlings, Cyndi Routledge, Steve Routledge, Ed Schneider, Sarah Scott, Jan Shaw (co-compiler: 5019 Timberhill Dr., Nashville, TN 37211; JanKShaw@aol.com), Kathy Shaw, Sheila Shay, Danny Shelton, Satish Varaju and Mary Zimmerman. Non-participating co-compiler: Scott Block.

NICKAJACK LAKE (35.067°, -85.517°) – 21 December; 0600-1730. Weather: light rain all day; 57-70° F. Spotted Sandpiper and Fish Crow are new species for this count, bringing the all-time cumulative species total up to 136. Observers: Harold Birch, Katherine Boyles, Gary Brunvoll, Cathy Cook, Danny Gaddy, Daniel Jacobson, Gary Lanham, Pixie Lanham, Tommie Rogers, Cynthia Wilkerson and Jimmy Wilkerson. Non-participating compiler: David Spicer (9446 Cheri Beth Circle, Ooltewah, TN 37363; birdsnbflys@gmail.com).

NORRIS (36.217°, -84.083°) – 1 January; 0630-1600. Weather: cloudy with heavy rain in the morning, partly cloudy with light rain in the afternoon; wind 0-3 mph; 37-45° F. Least Sandpiper and Barn Owl are new species. Observers: Dean Edwards, Carole Gobert, Susan Hoyle, Tony King, Charles P. Nicholson (compiler: P. O. Box 402, Norris, TN 37828; cpnicholson53@gmail.com), Talissa Ralph, Martha Rudolph, Doug Schneeberger, Paula Schneeberger and Kurt Sickafus.

PERRY COUNTY (35.708°, -87.775°) – 14 December; 0800-1830. Weather: cloudy with some light rainy; 40-51° F. Observers: Adam Beachy, Beulah Beachy, Chad Beachy, Evan Beachy, Mikey Beachy, Rose Beachy, Seth Beachy, Hannah Gammin, Hope Gammin, Alfred Mast, Leo Shrock, James Shrock, Ruth Shrock, Ruben Stoll (compiler: birdchaserrws@gmail.com), Victor Stoll, Alan Troyer, Henry Troyer and Leona Troyer.

REELFOOT LAKE (36.417°, -89.383°) – 14 December; 0630-1730. Weather: fog to partly cloudy ; wind calm; 18-40° F. This CBC is dedicated to the memory of Jeff Wilson, a long time count participant who passed away last year. Say's Phoebe is a new species, bringing the cumulative total for this count to 179, plus 5 count week species. Observers: John Carpenter, Ben Cobb, Jerry Drewry, Mark Greene (compiler: 194 Mt. Orange Rd., Trenton, TN 38382; greenesnake@yahoo.com), Eddie Huber, Gail King, Nancy Moore, Brainard

Palmer-Ball, Chris Sloan, Scott Somershoe, Joe Stone, Sabin Thompson, Mike Todd, Allan Trently, and Donna Ward.

ROAN MOUNTAIN (36.106°, -82.111°) – 15 December; 0600-1600. Weather: light snow/rain with fog at the higher elevations, overcast in the afternoon; 0-2" snow cover; wind NW 10-25 mph; 24-38° F. Observers: Fred Alsop, Darla Anderson, James Anderson, Jordan Brison, Kevin Brooks and Caitlyn King. Non-participating compiler: Rick Knight (804 N. Hills Dr., Johnson City, TN 37604; rknight8@earthlink.net).

SAVANNAH (35.133°, -88.15°) – 30 December; 0445-1745. Weather: partly cloudy; wind SW 0-12 mph; 28-37° F. Observers: Dwight Cooley, Barbara Corpi, Jacob Garner, Jeff Garner, Jim Johnson, Marcus Johnson, Frances Markine, Gary Markine, Warren Massey, Jack Paul, Bill Pulliam, John Ross and Damien Simbeck (compiler: 4905 County Rd. 33, Killen, AL 35645; tnbarredowl@aol.com).

SHADY VALLEY – MOUNTAIN CITY (36.5°, -81.85°) – 5 January; 0600-1700. Weather: clear to partly cloudy; wind 0-30 mph; 0.5 - 2" snow cover; 21-57° F. Observers: Robert Biller (compiler: 1500 Bell Ridge Rd., Apt. 5, Johnson City, TN 37601; rbiller@charter.net), Kathleen Britts, Ronald Carrico, Jennifer Conners, Rack Cross, David Kirschke, Rick Knight, Roy Knispel, Richard Lewis, Thomas McNeil and Cathy Meyers.

WARREN COUNTY (35.667°, -85.767°) – 3 January; 0530-1615. Weather: clear; wind 0-5 mph; 12-28° F. Observers: Gregg Garrison (compiler: 225 Cadillac Lane, McMinnville, TN 37110; ggarrison@mscc.edu), Nancy S. Layzer, Mac McWhirter, Susan McWhirter, Stephen J. Stedman and Carole Williams.

WHITE COUNTY (35.908°, -85.598°) – 21 December; 0517-1650. Weather: cloudy with occasional rain; wind 5-15 mph; 58-70° F. Observers: Douglas A. Downs (compiler: 403 Gillen Dr., Sparta, TN 38583; douglas_downs@hotmail.com), Judy C. Fuson, Nancy S. Layzer, Edmund K. LeGrand, Mac McWhirter, Susan McWhirter, Allen Nabors, Stephen J. Stedman, Kathryn Uziel and Carol D. Williams.

Errata: The 2012 all time species total for the Tennessee CBC was 262, and not 269 as stated.

2013 TENNESEE CBC

Count Names	Mem	Fay	Reel	Jcksn	Savh	Dck Rvr	CrsCk	Perry	Buff Rv	Clarksl	Columb	Nash	Hck-Prst	Frnk/Coff	DeKalb
	15-Dec	20-Dec	14-Dec	28-Dec	30-Dec	4-Jan	4-Jan	14-Dec	16-Dec	4-Jan	21-Dec	15-Dec	1-Jan	16-Dec	19-Dec
Species															
Greater White-fronted Goose	-	-	1901	-	1	620	230	-	-	-	-	-	-	-	-
Snow Goose	413	85	183105	5	1	24	1	-	-	-	1	-	-	-	1
Ross's Goose	-	-	13	-	1	3	-	-	-	-	-	-	-	-	-
Cackling Goose	-	-	-	-	-	322	-	-	-	-	-	-	-	-	-
Canada Goose	402	69	100	4	102	985	10785	31	69	326	283	131	375	49	91
Mute Swan	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood Duck	26	40	5	-	14	12	11	10	3	9	51	-	-	-	-
Gadwall	306	30	2248	3	67	442	18450	cw	10	5	28	14	34	87	12
American Wigeon	-	-	221	-	4	375	2580	-	-	-	3	cw	1	-	-
American Black Duck	-	-	8	-	-	108	16	-	-	1	8	8	-	24	5
Mallard	137	63	14374	16	87	20216	32746	15	-	51	146	203	491	95	59
Blue-winged Teal	-	-	-	-	-	6	-	1	-	-	-	-	-	-	-
Northern Shoveler	105	2	266	1	15	465	2	1	-	-	2	11	31	12	-
Northern Pintail	-	-	4	2	-	542	4507	-	-	-	-	-	-	-	-
Green-winged Teal	1	3	65	15	4	413	15	-	2	-	38	-	13	-	4
Canvasback	19	-	10	-	-	154	4	2	-	-	-	8	-	-	-
Redhead	-	-	5	-	11	20	-	-	-	-	-	-	4	-	-
Ring-necked Duck	48	60	512	-	19	39	5558	-	-	-	45	23	25	-	-
Greater Scaup	-	-	7	-	-	26	-	-	1	-	-	-	-	-	-
Lesser Scaup	49	-	4172	-	5	201	73	25	-	-	-	1	7	30	1
Surf Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White-winged Scoter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long-tailed Duck	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Bufflehead	12	-	329	-	36	126	38	2	-	2	-	3	68	20	95
Common Goldeneye	-	-	60	-	24	33	15	cw	5	-	-	-	16	8	-
Hooded Merganser	68	-	846	3	-	54	5	2	-	-	-	-	104	77	9
Common Merganser	-	-	2	-	-	1	5	-	-	-	-	-	-	-	1
Red-breasted Merganser	-	-	4	-	1	6	-	-	-	cw	-	-	7	32	6
Ruddy Duck	158	-	8515	-	-	3	-	-	1	-	-	28	64	60	-
Northern Bobwhite	-	-	-	-	-	-	-	8	20	-	-	5	-	-	-
Ruffed Grouse	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wild Turkey	8	-	33	-	21	21	52	47	12	108	39	172	18	-	36
Red-throated Loon	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-
Pacific Loon	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Common Loon	-	-	1	-	14	1	-	-	-	-	-	-	163	29	58
Pied-billed Grebe	34	5	41	-	231	250	12	1	2	8	1	4	162	22	34
Horned Grebe	2	-	28	-	31	2	-	-	-	-	-	2	370	14	256
Eared Grebe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Double-crested Cormorant	1	-	125	-	-	3021	2	4	-	-	-	-	2	26	-
American White Pelican	-	-	52	-	1	12	22	cw	30	-	-	-	-	-	-
Great Blue Heron	49	8	37	3	64	54	121	18	11	30	14	14	53	12	19
Great Egret	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Black-crowned Night-Heron	-	-	-	-	-	1	-	-	-	-	-	-	15	-	-
Black Vulture	1	96	8	8	4	27	26	114	73	246	55	147	93	74	342
Turkey Vulture	4	143	11	25	66	46	68	134	172	241	12	14	5	87	200

Warrn 3-Jan	White 21-Dec	Nick 21-Dec	Cook 14-Dec	Chatt 14-Dec	Crsvl 23-Dec	Hiwase 4-Jan	Norris 1-Jan	Knox 4-Jan	CadeCv 29-Dec	GSMNP 21-Dec	Eliz 14-Dec	Roan 15-Dec	Bristol 29-Dec	ShdyVal 5-Jan	TOTALS
4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2757
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	183637
-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	19
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	323
562	246	31	510	319	214	343	46	933	50	64	495	-	805	265	18685
-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2
3	-	-	15	4	1	-	-	7	-	-	2	-	-	2	215
156	107	15	51	81	66	225	9	181	-	-	-	-	30	2	22659
1	-	-	-	-	2	-	-	2	-	-	-	-	19	-	3208
5	2	2	7	14	14	71	-	5	-	-	1	-	4	4	307
80	143	30	249	485	157	609	91	458	46	176	234	-	363	124	71944
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
-	14	-	9	72	-	8	2	24	-	-	-	-	-	-	1042
-	-	-	-	-	-	4	-	3	-	-	-	-	2	-	5064
4	24	-	-	34	11	352	3	22	-	-	2	-	2	-	1027
1	-	300	-	194	11	32	-	2	-	-	-	-	-	-	737
13	37	22	-	16	55	283	5	66	-	-	-	-	11	-	548
10	82	206	45	29	578	2	9	44	12	-	12	-	26	-	7384
-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	36
-	-	108	4	40	cw	54	-	47	-	-	2	-	-	-	4819
-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	6
-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
2	-	-	-	-	-	-	-	-	-		-	-	-	-	3
5	18	14	17	44	394	9	23	20	16	-	213	7	99	-	1610
-	-	3	cw	59	1	-	-	7	-	-	-	-	-	-	231
22	54	5	56	13	55	116	2	54	-	-	2	-	25	-	1572
-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	12
1	-	1	-	1	1	-	-	2	-	-	-	-	-	-	62
1	-	14	14	50	183	40	-	3	-	-	-	-	-	-	9134
14	9	-	8	-	cw	-	-	3	-	-	-	-	-	-	67
-	-	-	-	-	-	-	-	-	-	2	6	-	-	-	8
37	91	-	4	79	-	168	-	16	147	45	161	11	130	58	1514
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
-	-	3	-	52	-	-	4	1	-	-	4	-	3	-	333
16	3	163	24	314	51	31	14	81	4	-	24	1	51	-	1584
-	-	7	-	208	cw	1	2	29	-	-	1	-	5	-	958
-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
-	-	311	-	2	1	251	-	13	-	-	-	-	1	-	3760
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117
8	12	38	13	71	3	81	8	125	2	3	22	2	30	4	929
-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	5
-	-	-	-	-	-	-	-	13	-	1	-	-	-	-	30
50	49	294	67	70	-	100	16	49	-	15	2	-	114	12	2152
31	32	99	184	47	5	34	cw	18	-	15	3	3	263	16	1978

Count Names	Mem	Fay	Reel	Jcksn	Savh	Dck Rvr	CrsCk	Perry	Buff Rv	Clarksl	Columb	Nash	Hck-Prst	Frnk/Coff	DeKalb
Bald Eagle	-	1	56	-	11	34	14	6	2	3	2	3	7	1	8
Northern Harrier	5	2	52	2	25	15	13	2	9	2	-	4	-	3	3
Sharp-shinned Hawk	-	-	4	2	2	2	1	4	2	1	1	1	1	-	-
Cooper's Hawk	12	-	3	1	1	6	2	3	4	2	-	9	6	1	5
Accipiter sp.	-	-	-	-	1	-	-	-	1	2	-	-	1	-	-
Red-shouldered Hawk	18	9	7	11	11	11	4	13	14	9	-	5	13	1	6
Red-tailed Hawk	52	10	59	17	34	29	28	20	28	32	4	35	24	20	41
Rough-legged Hawk	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Buteo sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Golden Eagle	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
Virginia Rail	-	-	4	-	3	-	-	-	-	-	-	-	-	-	-
American Coot	74	-	64	-	115	369	310	-	-	-	112	-	256	63	12
Sandhill Crane	-	95	-	-	-	1	-	-	-	-	-	1	2	225	26
Killdeer	186	9	43	301	393	216	54	26	290	113	2	22	202	146	168
Spotted Sandpiper	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Least Sandpiper	118	-	2	-	1	-	-	-	-	1	-	-	-	15	-
Peep sp.	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunlin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wilson's Snipe	-	-	28	1	71	37	-	-	2	3	-	-	16	65	9
American Woodcock	-	5	2	-	5	2	-	-	2	-	-	-	6	-	-
Bonaparte's Gull	-	-	629	-	44	201	18	111	-	-	-	-	390	17	50
Ring-billed Gull	391	-	1170	-	1259	421	4795	92	-	22	-	46	7138	396	493
Herring Gull	-	-	1	-	7	11	114	2	-	1	-	-	6	-	1
Gull sp.	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Rock Pigeon	121	6	43	433	88	29	1	62	93	176	44	154	802	37	128
Eurasian Collared-Dove	178	3	7	2	145	1	-	9	7	2	36	-	-	-	11
Mourning Dove	541	84	445	160	545	35	14	150	211	303	19	90	180	319	219
Barn Owl	-	1	-	-	-	2	-	-	-	cw	-	-	-	-	1
Eastern Screech-Owl	-	-	3	1	2	1	2	1	5	-	1	4	6	1	1
Great Horned Owl	3	1	4	1	3	2	2	cw	3	2	-	4	2	1	1
Barred Owl	5	1	8	1	4	4	3	3	2	2	-	7	1	1	2
Short-eared Owl	-	1	5	-	6	-	-	-	-	-	-	-	-	-	-
Rufous Hummingbird	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Belted Kingfisher	16	2	4	7	13	13	12	14	11	8	6	13	22	7	11
Red-headed Woodpecker	10	6	10	-	19	13	6	8	33	2	-	4	-	3	10
Red-bellied Woodpecker	121	74	47	43	100	67	46	45	104	83	8	111	17	10	72
Yellow-bellied Sapsucker	33	10	21	5	23	15	6	33	11	17	1	40	12	4	33
Downy Woodpecker	54	27	25	14	34	25	26	24	35	44	6	87	29	5	38
Hairy Woodpecker	8	7	5	6	7	11	6	5	9	16	-	9	4	1	8
Northern Flicker	55	32	84	31	71	34	7	46	23	34	4	29	21	2	48
Pileated Woodpecker	15	10	19	3	25	21	10	25	19	12	1	14	7	-	19
American Kestrel	20	6	47	7	16	17	3	8	63	15	4	23	5	32	52
Merlin	-	1	-	-	2	2	-	2	1	-	-	-	3	1	-
Peregrine Falcon	-	-	-	-	-	1	-	-	-	-	-	1	1	-	-
Prairie Falcon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

ılb	Warrn	White	Nick	Cook	Chatt	Crsvl	Hiwase	Norris	Knox	CadeCv	GSMNP	Eliz	Roan	Bristol	ShdyVal	TOTALS
	cw	-	14	-	9	3	24	1	5	1	1	1	-	3	-	210
	3	5	-	4	-	3	2	-	2	4	-	-	-	-	-	160
	-	-	2	1	4	2	-	-	4	-	-	2	1	3	2	42
	4	5	4	4	11	2	1	1	16	-	3	6	1	5	3	121
	-	-	-	1	-	-	-	-	2	-	-	-	-	-	-	8
	4	9	9	9	11	5	11	4	16	2	1	-	-	1	3	217
	38	23	24	16	15	9	27	2	61	5	10	16	6	9	19	713
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	5
	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	9
	71	-	1587	55	1557	620	197	-	297	-	-	7	-	31	-	5797
	22	-	-	-	5	2	13597	-	15	-	-	-	-	-	-	13991
ვ	94	81	18	60	115	127	-	14	178	-	5	16	-	1	6	2886
	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	-	-	-	-	-	-	16	1	-	-	-	-	-	-	-	154
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14
	-	-	-	-	-	-	77	-	-	-	-	-	-	-	-	77
	6	3	-	1	2	5	4	-	5	2	-	3	-	4	-	267
	-	-	8	-	1	-	4	-	-	-	-	-	-	-	-	35
	-	-	101	-	314	12	108	42	3	-	-	-	-	-	-	2040
ვ	48	275	1431	-	1274	3	615	5003	10000	-	-	20	-	3418	1	38311
	-	-	12	-	1	-	1	1	18	-	-	-	-	-	-	176
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
ვ	154	180	114	317	1162	10	42	178	707	19	122	395	15	325	46	6003
	-	13	19	8	74	6	-	-	-	-	-	9	-	-	-	530
ე	234	293	102	455	1196	164	97	63	298	53	21	428	41	539	138	7437
	-	1	-	1	-	-	-	1	-	-	-	-	-	1	-	8
	1	1	8	-	1	3	7	1	5	-	-	11	-	1	2	69
	2	4	5	1	2	-	1	1	4	-	-	3	-	1	1	54
	1	2	-	3	1	1	1	cw	-	1	1	4	-	1	3	63
	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	16
	-	-	-	-	1	-	-	-	4	-	-	-	-	-	-	6
	6	6	18	9	16	8	18	6	28	2	6	20	-	6	10	318
	5	15	8	19	6	5	26	-	1	-	-	-	-	1	-	210
	42	73	50	70	31	37	49	19	143	17	8	26	2	34	18	1567
	8	12	15	17	22	6	30	10	60	14	8	15	2	-	3	486
	16	18	28	31	32	18	15	13	96	24	36	26	1	16	25	868
	2	7	7	7	3	10	3	4	16	5	8	2	1	4	6	187
	23	32	46	68	33	22	30	13	48	9	4	44	1	20	8	922
	7	14	11	18	9	17	10	11	16	16	21	19	1	8	15	393
	37	55	4	36	2	15	6	3	9	1	1	11	2	16	15	531
	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	14
	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	4
	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1

Count Names	Mem	Fay	Reel	Jcksn	Savh	Dck Rvr	CrsCk	Perry	Buff Rv	Clarksl	Columb	Nash	Hck-Prst	Frnk/Coff	DeKalb
Eastern Phoebe	8	15	4	4	22	39	7	22	31	18	2	12	3	10	17
Say's Phoebe	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Loggerhead Shrike	2	-	13	-	-	-	1	-	40	-	-	-	-	1	3
Blue-headed Vireo	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1
Blue Jay	108	84	30	100	178	81	68	180	205	112	11	168	66	58	179
American Crow	28	342	31	93	602	931	416	450	373	205	38	222	125	96	518
Fish Crow	-	-	cw	-	-	-	-	-	-	-	-	-	-	-	-
Common Raven	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Horned Lark	36	1	600	11	129	11	15	-	24	6	-	-	-	-	4
Northern Rough-winged Swallow	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carolina Chickadee	50	80	35	38	108	62	72	49	66	132	8	291	99	9	133
Black-capped Chickadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickadee sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tufted Titmouse	51	47	30	34	119	103	68	76	127	119	15	241	47	19	135
Red-breasted Nuthatch	-	-	-	1	4	-	-	-	-	-	-	-	-	-	1
White-breasted Nuthatch	9	3	9	8	30	20	13	10	62	34	2	62	6	1	48
Brown-headed Nuthatch	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-
Brown Creeper	6	2	8	5	8	8	2	2	6	4	-	4	3	-	5
House Wren	1	-	1	-	2	4	-	1	1	-	-	-	-	-	-
Winter Wren	9	5	17	11	8	32	1	17	13	5	-	7	9	1	8
Sedge Wren	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Marsh Wren	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Carolina Wren	123	61	42	53	127	63	37	64	117	90	14	128	60	18	117
Golden-crowned Kinglet	27	47	41	27	64	34	7	32	28	28	-	46	42	5	28
Ruby-crowned Kinglet	19	25	39	12	35	13	9	13	15	17	-	35	37	6	24
Eastern Bluebird	61	111	54	64	177	130	60	86	369	166	12	152	85	90	218
Hermit Thrush	23	13	19	11	65	16	5	13	41	5	4	27	16	2	71
American Robin	1473	81	55	64	740	962	72	2636	381	170	56	777	369	15	1621
Brown Thrasher	21	9	14	13	25	12	1	13	10	6	-	4	6	2	10
Northern Mockingbird	132	27	40	44	55	33	14	54	135	153	21	124	77	49	86
European Starling	2728	149	8320	770	631	1701	547	2287	10345	4498	63	1325	1286	3390	7367
American Pipit	31	-	45	2	82	89	-	2	82	32	-	-	-	22	230
Cedar Waxwing	126	101	14	3	96	42	33	647	91	34	-	106	1	25	67
Lapland Longspur	-	-	527	-	40	-	-	-	2	1	-	-	-	-	-
Orange-crowned Warbler	1	-	-	1	2	-	-	-	-	-	-	-	2	-	-
Yellow Warbler	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Palm Warbler	7	-	2	-	-	2	-	-	1	-	-	4	1	-	-
Pine Warbler	14	-	cw	3	10	1	-	-	4	-	-	-	1	1	-
Yellow-rumped Warbler	111	58	218	48	83	127	11	109	31	72	5	88	57	13	309
Common Yellowthroat	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Eastern Towhee	64	41	4	27	73	24	31	36	114	52	5	69	24	9	60
American Tree Sparrow	-	-	13	-	-	-	-	-	-	-	-	1	-	-	-
Chipping Sparrow	5	13	-	-	204	75	2	24	19	2	-	10	26	-	13

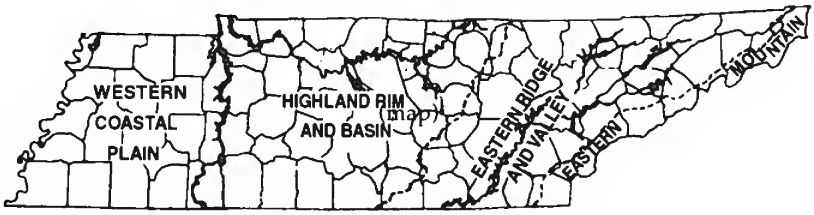
ılb	Warrn	White	Nick	Cook	Chatt	Crsvl	Hiwase	Norris	Knox	CadeCv	GSMNP	Eliz	Roan	Bristol	ShdyVal	TOTALS
	11	21	19	12	29	11	32	4	46	8	21	8	-	15	6	457
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	5	2	1	-	-	1	-	-	-	-	-	-	1	-	71
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
)	156	156	143	335	167	78	143	58	395	18	27	97	14	129	115	3659
3	464	297	239	579	206	245	293	151	399	107	176	507	136	457	945	9671
	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
	-	-	-	-	-	-	-	-	-	1	8	4	21	1	9	44
	-	-	-	-	2	30	-	-	-	-	-	-	-	-	-	869
	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
3	30	43	74	88	117	84	91	46	341	125	155	127	17	91	88	2749
	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	3
	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2
5	50	43	79	99	120	92	50	43	197	80	76	68	8	85	56	2377
	-	-	-	1	-	1	-	-	1	-	2	-	2	-	4	17
	15	19	40	24	26	41	22	15	71	39	47	5	5	20	19	725
	-	-	4	4	20	-	15	-	15	-	-	-	-	-	-	72
	-	2	4	2	3	4	2	1	6	2	3	-	-	1	1	94
	-	1	1	-	-	-	-	-	1	-	-	1	-	-	-	14
	3	6	12	9	7	10	13	4	13	6	9	7	-	3	1	246
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
7	44	89	96	114	112	48	81	47	243	41	85	113	6	71	87	2391
	12	25	41	51	86	49	109	14	63	48	86	55	4	73	27	1199
	6	6	33	11	57	3	53	2	20	6	1	12	-	2	-	511
3	98	152	86	252	113	142	144	87	371	29	36	101	7	92	56	3601
	21	6	25	3	27	20	18	6	39	9	6	13	-	7	1	532
1	606	886	552	1812	2715	306	67	216	720	226	161	833	5	678	420	19675
	12	3	10	13	16	8	11	2	23	-	-	2	1	-	-	247
	102	84	61	111	102	26	83	23	287	7	10	61	5	60	23	2089
7	3176	2322	2779	4640	1958	1280	555	325	2655	96	1149	3697	220	2275	552	73086
)	113	61	-	-	-	-	41	-	45	-	-	-	-	-	-	877
	47	149	507	149	122	117	133	62	156	21	183	314	14	48	39	3447
	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	571
	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	-	5	1	5	4	-	-	-	17	-	-	-	-	-	-	49
	-	-	3	2	8	-	4	-	5	-	-	-	-	-	-	56
)	52	114	25	200	94	13	135	58	279	14	30	130	-	41	11	2536
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	37	25	53	68	58	13	36	13	120	-	7	13	13	27	39	1155
	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
	39	30	216	50	25	22	30	-	12	32	cw	54	-	18	-	921

Count Names	Mem	Fay	Reel	Jcksn	Savh	Dck Rvr	CrsCk	Perry	Buff Rv	Clarksl	Columb	Nash	Hck-Prst	Frnk/Coff	DeKalb
Field Sparrow	34	62	35	28	190	57	22	109	410	29	8	161	48	23	104
Vesper Sparrow	7	-	1	-	31	2	-	1	-	1	-	-	-	-	-
Savannah Sparrow	120	7	185	18	458	174	140	39	42	115	4	1	4	2	8
Le Conte's Sparrow	4	-	2	-	1	-	-	-	-	-	-	-	-	-	-
Fox Sparrow	22	13	35	18	35	18	-	18	10	6	-	10	19	1	21
Song Sparrow	142	37	83	68	295	270	70	190	180	175	8	225	61	3	125
Lincoln's Sparrow	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Swamp Sparrow	51	30	99	50	321	733	13	183	102	101	2	61	46	-	14
White-throated Sparrow	1153	339	494	226	579	543	278	574	457	339	12	357	181	23	412
White-crowned Sparrow	52	2	95	4	17	26	26	43	11	36	-	49	28	3	26
Dark-eyed Junco	446	293	152	231	845	433	229	208	337	178	5	393	52	4	197
Sparrow sp.	-	-		-	-	-	-	-	25	-	-	-	-	-	-
Northern Cardinal	268	156	304	142	396	196	86	169	166	408	49	411	215	38	174
Red-winged Blackbird	2435	9	148700	30	337	259	-	345	433	23	18	259	100	7	407
Eastern Meadowlark	75	59	256	70	628	137	48	73	267	48	-	12	19	26	89
Western Meadowlark	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-
Rusty Blackbird	377	-	213	-	3	92	-	104	-	-	-	-	1	-	6
Brewer's Blackbird	-	-	13	-	-	1	-	-	34	-	-	-	-	-	-
Common Grackle	14024	2	35650	34	12	5087	-	891	227	31	1	24	1075	4	1016
Brown-headed Cowbird	64	-	1520	2	19	202	2	346	165	1	2	47	-	-	330
Blackbird sp.	-	-	-	-	-	-	-	-	2010	76	-	-	-	-	-
House Finch	25	-	11	17	31	21	10	11	20	29	13	64	62	-	28
Purple Finch	-	-	2	1	2	1	14	1	5	-	-	3	2	-	6
Red Crossbill	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pine Siskin	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
American Goldfinch	62	35	46	49	138	108	45	212	84	92	31	232	128	19	152
House Sparrow	196	-	141	4	27	30	12	138	55	44	17	70	33	10	22
Total individuals	28725	3367	418280	3574	12011	43288	83330	11608	19168	9627	1403	7787	15827	6141	17116
Total Species	91	72	114	75	109	115	88	84	85	78	58	82	96	80	91
Count Week species	-	-	2	-	-	-	-	4	-	2	-	-	-	-	-
Observers	24	11	15	3	13	16	10	18	11	23	3	33	25	11	22
Parties	9	4	5	3	8	7	-	6	6	7	3	10	5	4--5	8
Party Hours	54.8	29.25	51.5	28	80.25	47	40	27	54	51	19	61.75	49	19.5	66.5
Hours by car	15.3	13.75	39	15	45	19	36	12	40	30.5	12.5	33	27.5	19	47
Hours by foot	39.5	15.5	12.5	13	35.25	28	4	15	14	20.5	6.5	38.75	21.5	0.5	19.5
Hours by boat or other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Miles by car	152.4	200	399	173	373.8	168	186.3	80	383.4	319	210	313	312	254.4	429.1
Miles on foot	29.05	15.5	7	10	21	14	2.5	8	6.4	15.5	4	22.75	14	0.2	12.5
Miles by boat or other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hours Owling	0.5	0.5	2	1	4.5	1.75	1	3	1.5	-	-	2.25	3.5	3	2
Miles Owling	1	0.2	20	10	35.2	6.5	12	5	18.9	-	-	10.5	15.5	17	16.1
Feeder / yard watchers	-	-	-	1	-	-	1	-	-	3	1	1	1	-	1
Feeder / yard hours	-	-	-	2.5	-	-	-	-	-	11.25	1	3	0.25	-	1

ılb	Warrn	White	Nick	Cook	Chatt	Crsvl	Hiwase	Norris	Knox	CadeCv	GSMNP	Eliz	Roan	Bristol	ShdyVal	TOTALS
ł	79	79	116	117	49	74	116	3	176	16	3	18	-	6	18	2190
	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	45
	41	32	40	7	11	17	82	4	59	1	-	-	-	-	-	1611
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
	4	2	1	2	6	4	2	1	8	6	2	2	7	1	-	274
5	128	132	167	210	212	83	383	80	584	184	74	158	43	157	170	4697
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	7	23	15	67	49	12	67	4	75	55	11	2	1	5	12	2211
2	115	155	140	233	156	60	162	30	421	27	45	195	40	141	41	7928
	6	53	29	12	-	24	4	-	30	-	1	-	8	43	35	663
7	157	94	58	170	64	298	28	55	143	93	48	181	52	86	169	5699
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25
ł	147	144	173	207	256	140	137	69	554	50	78	146	12	183	83	5557
7	62	211	401	57	226	223	375	120	156	-	-	2	1	-	-	155196
	100	199	6	89	2	158	51	26	78	9	2	2	-	24	26	2579
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	17	203	175	100	462	220	10	10	75	-	-	-	-	-	-	2068
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48
6	80	293	7	144	189	-	2	-	50	-	-	2	-	-	-	58845
)	10	87	1	6	54	200	204	-	12	-	-	-	-	-	-	3274
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2086
	25	14	20	59	82	51	8	7	149	2	10	57	19	43	4	892
	1	1	-	1	2	-	-	2	1	-	1	-	10	-	-	56
	-	-	-	-	-	-	-	-	-	-	4	-	cw	-	4	8
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
2	48	82	128	98	72	48	10	52	184	41	103	106	12	89	66	2572
	22	45	55	51	44	56	21	-	98	-	2	94	20	33	17	1357
6	8000	8450	11951	12753	16344	7235	21662	7266	23690	1858	3242	9459	801	11439	3955	829357
	87	83	91	84	99	88	95	70	105	56	60	76	45	78	60	153
	-	-	-	1	-	3	-	2	-	-	1	-	1	-	-	16
	6	10	11	15	26	9	25	10	50	19	20	24	6	17	11	497
	4	5	5	7	10	5	7	6	27	10	9--10	6	1	8	4	186
5	37.75	45.75	47.25	64.25	58	47.75	52	24.6	138.24	42.3	86	53	8	61.5	36	1480.94
	32.25	30.25	36.5	52.25	39	31.25	30	12	44.77	14.5	35.75	34	5	41	20	863.07
5	5.5	15.5	10.75	12	19	13	15	12.6	92.47	27.8	50.25	19	3	20.5	16	616.37
	-	-	-	-	-	-	7	-	1	-	-	-	-	-	-	8
1	-	339.5	304.5	450	389	318.25	260	118.4	573.2	92.1	171	352	40	390	211.6	7962.95
5	-	5.3	5.5	8.25	12	7.25	16	11.2	56.25	25.7	37.5	9	2	9.5	8	395.85
	-	-	-	-	-	-	2	-	2.2	-	-	-	-	-	-	4.2
	2.5	2.25	5.75	1.5	3	3	1.5	2	4.2	-	1	3.5	1	2.5	2	62.2
1	-	20	36.5	5.25	21	11	15	-	17.7	-	4	14	2	24	12	350.35
	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	12
	-	-	-	3	-	-	-	-	5.42	-	7	-	-	-	-	34.42

THE WINTER SEASON

Richard L. Knight, Editor



1 December 2013 - 28 February 2014

Although the winter season began with moderate temperatures in December, the scene changed abruptly in the new year. A series of arctic blasts in January brought the coldest temperatures to the state in nearly 25 years. Conditions weren't as severe in February, but still cold. Although precipitation totals in January and February were at or below normal, many areas saw more than the usual amount of snow or ice.

The severe cold caused ice cover on the Great Lakes to reach historic proportions, forcing an exodus of diving ducks that normally winter there. Some of these reached Tennessee. While birders seemed to focus most on the unusually high numbers of White-winged Scoters and Long-tailed Ducks (see Table 1), the numbers of Canvasbacks, Greater Scaup, Common Goldeneyes, and Common and Red-breasted Mergansers were also much greater than normal. White-winged Scoters were not only more widely distributed than normal, they occurred in unprecedented numbers. Simply adding the high count for each site provides a total exceeding 300 individuals. The high count for a single site was of 100 at Chickamauga Lake near the dam, and the actual number over the entire lake was probably higher. This greatly surpassed the previous high count in the state of 28 at the same site on 30 December 1981 (*Migrant* 53:47). Numbers of the other two scoters seemed to be near normal, probably because they do not winter on the Great Lakes in numbers comparable to White-winged. Typically most scoters seen in the state are females or immatures, but numerous adult male scoters were reported in this flight. In addition to diving ducks, there were nine reports of Tundra Swans scattered across all four regions. The four species of arctic nesting geese that winter in Tennessee were also in good numbers. Other notable waterfowl included a Trumpeter Swan and Eurasian Wigeon in the western region. Possibly associated with the Great Lakes freeze-up, Red-throated Loons were reported from eight sites scattered around all four regions.

Table 1. Number of sites per region with scoters or Long-tailed Ducks, winter 2013-2014.

	WCP	HRB	CP/R	EM	Total
Surf Scoter	2	2	2	1	7
White-winged Scoter	5	9	14	3	31
Black Scoter	1	1	2	0	4
Long-tailed Duck	3	6	7	1	17

WCP - Western Coastal Plain Region, HRB - Highland Rim and Basin Region,
CP/RV - Cumberland Plateau / Ridge Valley Region, EM - Eastern Mountain Region

While waterfowl garnered much of the attention this season, alert birders detected much more. Rare raptors included Northern Goshawk and Ferruginous Hawk in the western region, with individual Prairie Falcons in two regions. Research into Golden Eagle distribution continued, and sightings came from all regions. Gull watchers picked out several rarities. Although not quite the rare attraction it once was, Lesser Black-backed Gull was found in all four regions. Short-eared Owls also appeared in all four regions. Notable were first state winter records of Black-necked Stilt and Northern Parula. Passerine highlights included Say's Phoebe, Chestnut-collared Longspur and Spotted Towhee in the western region, Smith's Longspurs in middle Tennessee, and "Oregon" Junco and Painted Bunting in the east. Boreal irruptives were virtually absent this winter, evidence again that food governs their movements rather than weather conditions.

Standard Abbreviations

ad - adult
CBC - Christmas Bird Count
Co - County
Cr - Creek
ers - earliest reported sighting
fide - reported by
im - immature
L - Lake
lrs - latest reported sighting
max - maximum count
m.ob. - many observers
Mtn - Mountain
R - River
SP - State Park
WMA - Wildlife Management Area

WESTERN COASTAL PLAIN REGION - - The winter of 2013 - 2014 will be remembered as one of the coldest in recent memory. Temperatures and precipitation in December were within historical norms, but, January and February brought a series of arctic blasts and much snow and ice. January produced temperatures which averaged 5 degrees below normal. Three ice storms and a snowstorm between 19 January and 11 February were responsible for the loss of many trees while many others had significant loss of limbs.

Irruptive species were virtually absent from the region, with only a few reports of Red-breasted Nuthatch and Purple Finch. Regional highlights included Eurasian Wigeon, Golden Eagle, Northern Goshawk, Prairie Falcon, Spotted Towhee and Harris's Sparrow.

Waterfowl: **Black-bellied Whistling-Duck**: 2 Dec (1) Ensley, Shelby Co (JJW), lrs. **Greater White-fronted Goose**: 27 Jan (2000+ flying over) Dyer Co (MAG), max. **Snow Goose**: 27 Jan (300,000+ flying over) Dyer Co (MAG); 9 Feb (80,000+ in agricultural fields) Haywood Co (RPF); impressive counts. **Ross's Goose**: 27 Jan (400+ flying over) Dyer Co (MAG), a new state high count; 9 Feb (9) Shelby Farms, Shelby Co (Gail King). **Cackling Goose**: 6 Jan (2) Gibson Co (MAG); 26 Jan (7) Hatchie NWR (Allan Trently); 9 Feb (3) Shelby Farms, Shelby Co (Gail King). **Trumpeter Swan**: 12 Jan - 1 Feb (1 im) Blair L, Madison Co (fide MAG, MCT, photo). **Tundra Swan**: from late Nov thru 9 Dec (up to 13) Britton Ford (m.ob.); from late Nov thru 16 Dec (13) Hatchie NWR (fide RPF). **EURASIAN WIGEON**: from late Nov thru 1 Dec (1 male) Britton Ford (m.ob.). **Canvasback**: 1 Feb (400) Reelfoot L (DDP). **Redhead**: 30 Jan (75) Gibson Co L (MAG). **Greater Scaup**: 27 Dec (12) TVA Lake, Shelby Co (JJW). **Surf Scoter**: 9 Jan (1) Pace Point (MCT); 23 Jan (4) Pickwick L (MCT). **White-winged Scoter**: 1 Dec (1) Eagle Cr, Henry Co (TJW); 6-11 Jan, 11 Feb (1) Gibson Co L (MAG); 9 Jan (4) Pace Point (MCT); 2 Feb (1) Reelfoot L (DDP); 8 Feb (10) Pickwick L (RDH, m.ob.). **Black Scoter**: 27 Jan (1) Reelfoot L, Obion Co (MAG). **Long-tailed Duck**: 2 Dec into Mar (1) TVA Lake, Shelby Co (JJW, m.ob.); 9 Jan (3) Pace Point (MCT); 12 Feb (1) Gibson Co L (MAG). **Common Goldeneye**: 30 Jan (6) Gibson Co L (MAG). **Common Merganser**: 14 Dec / 27 Jan (2 females / 1 male) Reelfoot L (MCT / MAG); 9 Jan / 1 Feb (1 female / 22) Pace Point (MCT); 11 Jan / 11 Feb (1 female / 11) Gibson Co L (MAG).

Loon - Eagle: **Red-throated Loon**: 9 / 27 Jan (2 / 1) Pace Point (MCT); 11 Jan (1) Gibson Co L (MAG); 9 Feb (5) Pickwick L (RDH, m.ob.). **Pied-billed Grebe**: 31 Jan (300+) Carroll Co, on new watershed lake (MCT). **Red-necked Grebe**: 11 Jan (1) Gibson Co L (MAG). **American White Pelican**: 8-9 Dec (1) Hatchie NWR (RPF); 27-28 Jan (1-2) Reelfoot L (MAG). **Great Egret**: early Nov thru early Feb (1) Hatchie NWR (RPF). **Osprey**: 12 Dec (1, found emaciated; later died) Collierville (fide Knox Martin), new late date for Shelby Co. **Northern Goshawk**: 27 Dec - 7 Feb (1 im) Agricenter, Shelby Co (Ernie Restivo, m.ob.). **"Harlan's" Red-tailed Hawk**: 13 Dec (2) Bogota WMA (MCT); 28 Jan (1) Crockett Co (MAG). **"Krider's" Red-tailed Hawk**: 27 Jan (2) Lake Co (MAG). **Red-tailed Hawk**: 21 Dec (2 *calurus*) Obion Co (MCT). **FERRUGINOUS HAWK**: 27 Jan (1 im, light morph) Lake Co (MAG). **Rough-legged Hawk**: 13 Dec - 11 Jan (1-3) Reelfoot L (MAG, SGS, m.ob.); 20 Dec (2) Obion Co (MAG); 17 Jan (1) Ensley, Shelby Co (JJW). **Golden Eagle**: 16 Dec (2 ad, 1 im) Hatchie NWR (SGS); 20 Dec (1 im) Weakley Co (MCT); 11 Jan (1 im) Lower Hatchie NWR, Lauderdale Co (fide Knox Martin), brought to Mid-South Raptor Center, but died overnight; blood tests revealed severe lead toxicosis; 24 Jan (2 im) Cordova, Shelby Co (DDP); 9 Feb (1 ad) Pickwick L (RDH, m.ob.); 12 Feb (1 ad) Gibson Co (MAG).

Crane - Falcon: **Sandhill Crane**: 9 / 19 Dec (400+) Obion Co, various sites (MAG); 30 Dec (8) Shelby Co (Virginia Reynolds); 27 Jan (27) Dyer Co (MAG). **Killdeer**: 16 Dec (450) Lauderdale Refuge, Lauderdale Co (SGS), max. **Greater Yellowlegs**: 6 Jan (1) Gibson Co (MAG). **Least Sandpiper**: 4 Dec (1) Britton Ford (SGS, SZ). **Pectoral Sandpiper**: 4 Dec (1) Britton Ford (SGS, SZ, MCT). **Little Gull**: 28 Jan (1 im) Reelfoot L (MAG). **Laughing Gull**: 8 Feb (1) Pickwick L (RDH, m.ob.). **CALIFORNIA GULL**: 9 Jan (1, first cycle) Pace Point

(MCT). **THAYER'S GULL**: 23 Jan (1 ad) Pickwick L (MCT). **Lesser Black-backed Gull**: 1 Feb (1 im) Reelfoot L (DDP); 1 Feb (1 ad) Paris Landing, Henry Co (MCT). **GLAUCOUS GULL**: 27 Jan (1 im) Pace Point (MCT). **Short-eared Owl**: 13-28 Dec (2-4) Lake Co (MCT, m.ob.); 20 Dec (2) Obion Co (MAG); 21 Dec (1) Wolf River WMA, Fayette Co (Martha Waldron, Gaynell Perry); 1 Jan (3+) Bogota WMA (TJW, Chad Smith). **Rufous Hummingbird**: from Nov thru 19 Feb (1) Dyersburg (Kathy Sellars); from Nov thru 2 Feb (1) Fayette Co (Debbie Bruce). **PRAIRIE FALCON**: 20 Dec (1) Obion Co (MAG).

Flycatcher - Longspur: **SAY'S PHOEBE**: 19-31 Dec (1) Obion Co (MAG, m.ob.). **Blue-headed Vireo**: 31 Dec (1) Jackson CBC (MAG). **Fish Crow**: 20 Dec / 11 Jan (1) Trenton, Gibson Co (MAG). **Purple Martin**: 22 Feb (4) Hatchie NWR (Gaynell Perry), ers. **Tree Swallow**: 17 Feb (3) Hatchie NWR (RPF), ers. **Red-breasted Nuthatch**: 14 Dec (2) Obion Co (Jesse Livingston); mid-Dec into Feb (2) McKenzie, Carroll Co (Donna Ward). **Brown-headed Nuthatch**: 23 Jan (4) Pickwick L (MCT). **Blue-gray Gnatcatcher**: 3 Dec (1) Big Sandy, Henry Co (RS); 21 Dec (1) Obion Co (MCT). **Gray Catbird**: 23 Dec (1) Dyer Co (MAG). **Lapland Longspur**: 20 Dec (500+) Obion Co (MAG); 27 Jan (5,000+) Lake Co (MAG). **CHESTNUT-SIDED LONGSPUR**: 27 Jan (1) Lake Co (MAG).

Warbler - Finch: **Orange-crowned Warbler**: 31 Dec (1) Jackson CBC (RPF); 28 Jan (1, at feeder) Dyersburg (Kathy Sellars, MAG). **Palm Warbler**: 4 Dec (1) Britton Ford (MCT); 21 Dec (1) Obion Co (MCT). **SPOTTED TOWHEE**: 20 Dec (1 male) Obion Co (RS, MAG). **American Tree Sparrow**: 13 Dec - 19 Jan (1-6) Bogota WMA (MCT, m.ob.); 14 Dec (11) Reelfoot CBC (SGS, CAS); 9 Jan / 8 Feb (1 / 4) Pace Point (MCT / TJW). **Vesper Sparrow**: 21 Dec (2) Obion Co (MCT). **Harris's Sparrow**: 22-24 Dec (1, at feeder) Millington, Shelby Co (Ken Winfield, Jeanne Winfield, photo). **Western Meadowlark**: 3 / 9 Dec (5 / 2) Obion Co, separate sites (MAG); 13 Dec (8) Halls, Lauderdale Co (MCT); 14 Dec / 27 Jan (4-5+) Lake Co (MAG). **Yellow-headed Blackbird**: 20 Dec (1 female) Obion Co (MCT). **Purple Finch**: 14 Dec (2) Reelfoot CBC (SGS, CAS); 26 Jan (1) Henry Co (Shawna Ellis); 28 Jan (1) Dyersburg (MAG); 28 Jan (3) Shelby Co (Judy Dorsey); 25 Feb (1) McKenzie, Carroll Co (Donna Ward); only reports.

Locations: Bogota WMA – Dyer Co; Britton Ford - Henry Co; Dyersburg - Dyer Co; Hatchie NWR - Haywood Co; Pace Point - Henry Co; Pickwick L - Hardin Co; Reelfoot L - Lake and Obion Cos.

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HIGHLAND RIM AND BASIN REGION - - Middle Tennessee had a moderate December, but January and February were unusually cold. Several extreme cold fronts passed through bringing sub-zero temperatures. An epic freeze of the Great Lakes also resulted in a major invasion of White-winged Scoters and Long-tailed Ducks, with a few reports of

the other two scoters. Red-throated and Pacific loons were reported more frequently this winter, which may be a result of greater observer awareness. The extreme cold in January killed or forced the departure of most, if not all, wintering hummingbirds. One 5+ year old female Rufous Hummingbird was found dead at her winter residence in Brentwood. Numerous Golden Eagles were observed on TWRA baits sites in Franklin County; at least ten different individuals were documented via trail cameras or were tracked in the area. Smith's Longspurs were reported again at Fort Campbell. A second winter record Yellow Warbler was seen and heard in Nashville.

Waterfowl: **Greater White-fronted Goose**: 5 Dec (1) McMinnville, Warren Co (NPM); 21 Jan (1) Sumner Co (Ken Oeser); 11 Feb (9) Percy Priest WMA (SGS). **Snow Goose**: 19-25 Jan (1) Old Hickory L (JKS, m.ob.). **Ross's Goose**: 5 Feb (1) Lewis Co (WMP, RDH, DMy); 9 Feb (4) Duck R Unit (SR, CR); 20-24 Feb (1) Percy Priest WMA (SZ, SGS). **Cackling Goose**: 4 Jan (322) Duck R Unit (WMP), max. **Mute Swan**: 14 Jan - 6 Feb (1) Drake's Cr, Sumner Co (Jerry Webb, SZ, m.ob.); 20 Feb (3) Percy Priest WMA (SZ). **Tundra Swan**: 9 Dec (6) Maury Co (Tommy Edwards); 11 Dec (4) Duck R Unit (CF); 18 Jan (1) Cross Cr NWR (SR); 27 Feb (1) Williamson Co (Julie Roach, photo). **Blue-winged Teal**: 28 Feb (3) Duck R Unit (CF), ers. **Canvasback**: 24 Jan (20) Percy Priest L, Rutherford Co (SGS). **Greater Scaup**: 11 Dec (1) L Karen (SNM, NPM); 16 Dec (1) Laurel Hill L, Lawrence Co (WMP); 5 Jan (1) Lewis Co (WMP). **Surf Scoter**: 7 Dec (1) Fort Campbell, Stewart Co (DMo); 27 Jan (9) Woods Reservoir (SGS). **White-winged Scoter**: 9-10 Dec (1) L Karen (SNM, NPM); 27-31 Jan (26-5) Woods Reservoir (SGS, m.ob.); 30 Jan - 14 Feb (3-17) Normandy L (SZ, m.ob.); 31 Jan (2) Tim's Ford L, Franklin Co (Ed Schneider); 1-20 Feb (22-8) Percy Priest L (FF, m.ob.); 7-27 Feb (2-6) L Taal, Fort Campbell (DMo); 7 Feb (2) Clifton, Wayne Co (RDH, DMy); 7-9 Feb (1) Duck R Unit (CF, m.ob.); 11 Feb (4) Percy Priest WMA (SGS). **Black Scoter**: 12-13 Dec (1 female) Percy Priest L (RHC, JKS). **Long-tailed Duck**: 15 Dec - 2 Jan (1) Bellevue, Davidson Co (SR, CR, m.ob.), found tangled in fishing line on latter date, taken to rehabilitator; 2-10 Feb (1) Percy Priest L (TJW, m.ob.); 3 Jan (2) L Karen (SNM, NPM); 7 Feb (1) Cumberland Steam Plant, Stewart Co (SY); 11-20 Feb (2) Percy Priest WMA (SGS, SZ); 12 Feb (4) Normandy L (Melissa Turrentine). **Common Goldeneye**: 19 Dec (2) L Karen (SNM, NPM); 27 Jan (20) Woods Reservoir (SGS). **Hooded Merganser**: 30 Jan (500+) Woods Reservoir (SGS). **Common Merganser**: 19 Dec (1 female) Center Hill L, DeKalb Co (EKL, Stephen Stedman, Doug Downs); 1 Feb (16) Percy Priest L (FF, m.ob.). **Red-breasted Merganser**: 9 Dec (103) L Karen (SNM, NPM).

Loon - Crane: **Red-throated Loon**: 1 Jan (2) Percy Priest L (SGS); 30 Jan - 1 Feb (1-2) Woods Reservoir (SGS, SNM, NPM). **Pacific Loon**: 17 Dec (1) Percy Priest L, Rutherford Co (SGS); 1 Jan / 20 Jan - 10 Feb (1-2) Percy Priest L (SGS / FF, m.ob.). **Horned Grebe**: 30 Jan (500+) Woods Reservoir (SGS), max. **American White Pelican**: 10 Dec (80, flying over) Lewis Co (WMP); 29 Dec (50+) Cross Cr NWR (Barbara Wilbur); 9 Feb (85) Duck R Unit (SR, CR), max; 10-14 Feb (88) Normandy L (Melissa Turrentine). **Northern Harrier**: 20 Dec (21) Fort Campbell (DMo et al.), max. **Golden Eagle**: 31 Dec (1 im) Smyrna, Rutherford Co (Ritchie Wychoff, photo); 1 Jan (1) Lincoln Co (Evan Buck, photo); 4 Jan (2) Duck

R Unit (RS et al.); 28 Jan (1) Franklin Co (SGS); 30 Jan (3) Bear Hollow Mtn WMA, Franklin Co (SGS, trail camera data); 19 Feb (1 ad) Fort Campbell (DMo, SGS). **Virginia Rail**: 8 Feb (1) Savannah bottoms (RDH, m.ob.). **Sandhill Crane**: early to mid- Dec (numerous small to medium-sized flocks flying south) Nashville basin (m.ob.); 10 Jan (4) Hardin Co (Jud Johnston); 16-17 Feb (numerous northbound flocks) Nashville basin to DeKalb and Putnam Cos (m.ob.); 23 Feb (120, flying north) Montgomery Co (SY), max. **Whooping Crane**: 31 Jan - 1 Feb (5-7) Franklin Co (Jim Peters, Don Davidson).

Stilt - Falcon: **Black-necked Stilt**: from late Nov thru 1 Jan (1) Robertson Co (TL), first winter record in state. **Least Sandpiper**: 19 Dec (2) Robertson Co (TL). **Lesser Black-backed Gull**: 8 Dec / 10 Feb (2 ad / 1 ad) Middlepoint landfill, Rutherford Co (SZ / TJW). **Forster's Tern**: 10 Dec (1) Percy Priest L, Rutherford Co (SGS). **Barn Owl**: 19 Dec (1) DeKalb Co (SNM, NPM), first Co record. **Short-eared Owl**: 19 / 26 Dec (4 / 3) Fort Campbell (DMo / SR, CR); 23 Jan (1) Robertson Co (TL); 24 Jan (1) Lincoln Co (Evan Buck); 8 Feb (1) Savannah bottoms (RDH, m.ob.). **Ruby-throated Hummingbird**: thru 28 Dec (1 male) Williamson Co (fide RHC). **Rufous Hummingbird**: thru 9 Jan (1 ad male) DeKalb Co (Tommy Curtis, Virginia Curtis). **Calliope Hummingbird**: 1 Dec - 5 Jan (1) Nashville (Maggie Sanguinetti). **Merlin**: 14 Dec (1) Warren Co (SNM, NPM); 19 Dec (1) Nashville airport, Davidson Co (SR). **Peregrine Falcon**: 1 Jan (1) Anderson Rd. Recreation Area, Davidson Co (SGS).

Shrike - Siskin: **Loggerhead Shrike**: 11 Feb (1) DeKalb Co (Judy Fuson); 24 Feb (1) Bedford Co (SZ). **Horned Lark**: 21 Dec (200+) Robertson Co (TL), max. **Tree Swallow**: 26 Feb (5) Cook Recreation Area, Davidson Co (SGS), ers. **Red-breasted Nuthatch**: 17 Jan (1) Montgomery Co (SY), only report. **Brown-headed Nuthatch**: 27 Dec (2) Tullahoma, Coffee Co (Jonathan Mills). **House Wren**: 20 Dec (1) Davidson Co (FF); 21 Dec (1) White Co (Doug Downs). **Gray Catbird**: 15 Dec (1) Nashville CBC, Williamson Co portion (fide JKS); 8 Feb (1) Savannah bottoms (RDH, m.ob.). **American Pipit**: 31 Jan (250) Franklin Co (SGS), max. **Lapland Longspur**: 7 Dec - 9 Feb (max 400) Robertson Co (TL); 16 Dec (2) Lawrence Co (WMP); 24 Jan (25) Lincoln Co (Evan Buck); 1 Feb (70) Bark Camp Barrens sod farm, Coffee Co (SNM, NPM). **SMITH'S LONGSPUR**: 17 Dec - 19 Feb (3-5) Fort Campbell (DMo, m.ob.). **Orange-crowned Warbler**: 1 / 19 Jan (2 / 1) Old Hickory Dam (CAS, CW / JKS). **Yellow Warbler**: 1 Jan (1) Anderson Rd. Recreation Area, Davidson Co (SGS, RHC et al.), second winter record in state. **Palm Warbler**: 20 Dec (1) Davidson Co (FF); 21 Dec (5) White Co (Doug Downs); 1 / 11 Jan (1) Duck R Unit (RS / CW, MCT et al.); 19 Jan (1) Old Hickory Dam (JKS). **Yellow-throated Warbler**: 25 Nov / 28 Dec (1) Clarksville (Nita Heilman). **American Tree Sparrow**: 15 Dec (1) Harpeth River S P, Davidson Co (RHC); 3 Jan (1) Warren Co (SNM, NPM). **Vesper Sparrow**: 8 Feb (4) Savannah bottoms (RDH, m.ob.). **Le Conte's Sparrow**: 11 Jan (1) Duck R Unit (CW, MCT et al.). **Rusty Blackbird**: 9 Jan (190) Warren Co (SNM, NPM); 5 Feb (150) Dickson Co (SNM, NPM); max . **Brewer's Blackbird**: 9 Jan (8) Warren Co (SNM, NPM). **Purple Finch**: 5 / 20 Jan (2 / 1) Williamson Co (Melinda Welton); 28 Jan (1) Wayne Co (Jud Johnston); 30 Jan (1) Dickson Co (RHC); only reports. **Pine Siskin**: 7 Jan (1) Warren Co (SNM, NPM), only report.

Locations: Cross Cr NWR - Stewart Co; Duck R Unit - unit of Tennessee NWR – Humphreys Co; Fort Campbell - Montgomery Co unless specified otherwise; Lake Karen - Warren Co; Normandy L - Coffee Co; Old Hickory L - Davidson Co; Percy Priest L - Davidson Co unless specified otherwise; Percy Priest WMA - Rutherford Co; Savannah bottoms - Hardin Co; Woods Reservoir - Franklin Co.

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CUMBERLAND PLATEAU / RIDGE and VALLEY REGION - - This winter opened with wet and relatively mild conditions in December. Precipitation was 5 centimeters above normal for the month, continuing the trend for the year. Indeed, 2013 was the second wettest year on record in northeast Tennessee. The following month was quite cold with a series of arctic blasts. The Tri-cities area experienced three nights of sub-zero temperatures and several more nights with single digit lows. Some daytime highs remained below freezing. As such, January was the coldest month since December 1989. Precipitation was below average in January. February was cold, but not so brutal, with near normal precipitation. The season's heaviest snowfall was 17 – 25 centimeters in mid-February.

Waterfowl numbers and diversity were a highlight of the season, including an unprecedented influx of White-winged Scoters. Although this species occurs in small numbers nearly annually in the region, it was found at 14 sites this winter, mostly after mid-January, and peaked with a staggering count of 100 at Chickamauga Lake. Long-tailed Ducks also are nearly annual visitors to the region, but reports from seven sites was likely unprecedented for a single season as well. While these two species received the most attention, numbers of other diving ducks also were much higher than normal, including Canvasback, Greater Scaup, Common Goldeneye, and Common and Red-breasted Merganser. These species made a facultative migration away from their Great Lakes wintering sites due to historic ice cover amounts, which exceeded 90%. This was the most ice cover on the Great Lakes in 25-30 years. Significant ice cover was noted on some regional lakes, too, particularly on Boone Lake.

A Prairie Falcon observed on the Hiwassee CBC was the first for East Tennessee. Other regional rarities included Pacific Loon, Little and Lesser Black-backed Gulls, "Oregon" Junco and Painted Bunting. Lingering half-hardy birds included Northern Rough-winged Swallow, White-eyed and Blue-headed Vireo, Gray Catbird and Summer Tanager. Boreal irruptives were scarce. Despite the cold, a few regular early migrants appeared in February (e.g., Osprey, Greater Yellowlegs, Tree Swallow).

Goose - Scaup: **Greater White-fronted Goose**: 13 Dec (1) Blount Co (Carolyn Snow); 24-25 Dec (1) Hamilton Co (Kay Fiorello / DH); 1 Jan (1) Bristol (BP, JP, RLK). **Snow Goose**: 2 Dec (flocks of 18 and 67 flying over) Eagle Bend (RDH, DMy), large number for East TN; 4 Dec (5) Cherokee L (KDE); 4 Dec (1) Kingsport (Bill Grigsby et al.); late Dec - 23 Jan (1) L Tansi (EKL); 30 Dec - 30 Jan (1 im) Blountville and Bristol, Sullivan Co (Michele King, m.ob.); 9 Feb (1) Hamblen Co (DHM); 22 Feb (1) Phipps Bend (DW); 28 Feb (30)

Hiwassee Refuge (CM). **Ross's Goose**: 2 Dec / 12 Feb (4 / 2) Eagle Bend (RDH, DMy); 12 Dec (2) near Dayton airport, Rhea Co (David Aborn); 14 Dec (1) Chattanooga CBC; 27-30 Jan (1) Washington Co (Jim Anderson, Fred Alsop). **Cackling Goose**: 19 Dec -19 Feb (1) Steele Cr Park, Sullivan Co (Larry McDaniel, m.ob.); 14 Feb (1) Knox Co (Carole Gobert); 15 Feb (4) Hiwassee Refuge (Rick Houlk). **Tundra Swan**: 13 Dec (10) Rhea Co (CM); 19-20 Feb (2) Lamar, Washington Co (JHM, m.ob.). **Blue-winged Teal**: 18 Feb (1) Douglas L (KW, KBu), ers; 28 Feb (4) John Sevier L (SHu). **Northern Shoveler**: 17 Dec (92) Upper Douglas L (MBS), new high count. **Northern Pintail**: 9 Feb (15) Greene Co (DHM); 21 Feb (6) Boone L (RLK); good numbers for NE TN. **Canvasback**: 15 Dec (264) Hiwassee (Mark McShane); 24 Jan / 8 Feb (17 / 23) Boone L (RLK / Rob Biller); 26 Jan (250+) Chickamauga L (DRJ); 14 Feb (18) Holston R, Hawkins Co (DK); 24 Feb (110) L Hiawatha, Cumberland Co (EKL). **Redhead**: 9 Dec (175) Boone L (RLK); 10 Dec (500) Oneida (NeM); 28 Jan (331) Chickamauga L (KAC, TLR); 2 Feb (76) Bristol (Wallace Coffey); 12 Feb (44) Eagle Bend (RDH, DMy); 18 Feb (175) Douglas L (KW, KBu). **Ring-necked Duck**: 10 Dec (330) Oneida (NeM). **Greater Scaup**: 3 Jan (17) Douglas L (KW); 3 Jan (1) Steele Cr Park, Sullivan Co (Larry McDaniel); 23 Jan / 24 Feb (2 / 9) L Tansi (EKL); 27 Jan (3) Washington Co (RLK); 31 Jan into Mar (max 53 on 16 Feb) Kingsport (RAP, m.ob.), new high count in NE TN; 1 / 15 Feb (21 / 30) Boone L (RLK); 6 Feb (2) John Sevier L (SHu); 11 Feb (2) Middlebrook L, Sullivan Co (RRK et al.); 14 Feb (20) Holston R, Hawkins Co (DK). **Lesser Scaup**: 9 Dec (350) Boone L (RLK); 10 Dec (120) Oneida (NeM).

Scoter - Ruddy Duck: **Surf Scoter**: 4 / 9 / 28 Jan (6 / 1 / 2) Fort Loudoun L (KDE, TH / RDH, DMy / CDS); 19 Jan - 17 Feb (1-2) Chickamauga L (KAC, DRJ, TLR, m.ob.). **White-winged Scoter**: 25 Dec into Mar (max 100 on 31 Jan) Chickamauga L (LAW, KAC, DRJ, m.ob.); 4 Jan - 16 Feb (1-6 females, 3 males) Fort Loudoun L (TH, WB, CDS, RDH, DMy); 16-25 Jan (8-14) Nickajack L, Marion Co (SGS, m.ob.); 28-31 Jan (4-3) John Sevier L (SHu); 28 Jan (9) Alcoa, Blount Co (TH); 28 Jan (1 male) Middlebrook L, Sullivan Co (RRK et al.); 30 Jan - 1 Feb (14) Cherokee L (RDH, DMy, m.ob.); 1-15 Feb (5 males, 4 females) Boone L (RLK, m.ob.); 1 Feb (14) Norris L (NeM); 2 Feb (1) Raccoon Mtn, Marion Co (TLR); 8-9 Feb (1 female) Afton, Greene Co (DHM), first Co record; 8 Feb (3 males) Holston R, Hawkins Co (SHu); 15 Feb (3 males) Melton Hill L, Knox and Anderson Cos (CDS); 18 Feb (26) Douglas L (KW, KBu). **Black Scoter**: 28 Dec - 24 Feb (1-3) Chickamauga L (David Spicer, KAC, m.ob.); 16-25 Jan (1-2) Nickajack L, Marion Co (SGS, m.ob.). **Long-tailed Duck**: 9 Jan / 6 Feb (1 / 5) Fort Loudoun L (CDS / KDE); 24 Jan - 10 Feb (1-2) Chickamauga L (KAC, DRJ, TLR, m.ob.); 30 Jan - 4 Feb (4-5) Cherokee L (RDH, DMy, m.ob.); 12 Feb (1) Norris L (RDH, DMy); 12-15 Feb (1) Alcoa, Blount Co (TH); 15-23 Feb (8-10) Watts Bar L, Roane Co (RDH, DMy, m.ob.); 24 Feb (1) L Tansi (EKL). **Bufflehead**: 9 Dec (140) Boone L (RLK). **Common Goldeneye**: 5 Jan (70+) Chickamauga L (DH), max; 24 Jan - 5 Feb (12) Boone L (RLK, m.ob.); 6 Feb (8) John Sevier L (SHu); 8-14 Feb (5) Holston R, Hawkins Co (SHu / DK). **Common Merganser**: 23-24 Dec (3 males) L Breckenridge, Cumberland Co (Steve Stedman, Dan Combs); 24-25 Jan / 21 Feb (4 males, 2-5 females / 3 females) Boone L (RLK, m.ob.); 27 Jan - 6 Feb (13-41, with up to 19 males) John Sevier L (SHu). **Red-breasted Merganser**: 9 Dec / 15 Feb (117 / 80) Boone L (RLK); 10 Dec (55) Oneida (NeM); 23 Feb (144)

Tellico L, Monroe Co (Patty Ford). **Ruddy Duck**: 10 Dec (230) Oneida (NeM).

Loon - Crane: **Red-throated Loon**: 9 Jan (1) Fort Loudoun L, Knox Co portion (RDH, DMy); 12 Jan - 17 Feb (1-5) Chickamauga L (KAC, DRJ, TLR, LAW, m.ob.). **Pacific Loon**: 21-27 Jan (1) Chickamauga L (DH / RDH, DMy). **Horned Grebe**: 10 Dec (14) Huntsville and Oneida (NeM); 1 Feb (37) Norris L (NeM); 18 Feb (85) Douglas L (KW, KBu). **Red-necked Grebe**: 17 Jan (1) Nickajack L (KAC); 26 Jan (1) Chickamauga L (SNM, NPM); 14 Feb (1) Raccoon Mtn (TLR). **Eared Grebe**: 10 Dec (3) Huntsville and Oneida (NeM); 1 Feb (4) Norris L (NeM). **American White Pelican**: 13 Dec (1) Hiwassee (CM). **Great Egret**: 4 Jan (2) Knoxville CBC; 4 Jan (2) Hiwassee CBC. **Osprey**: 5 / 8 Dec (1) Fort Loudoun L, Knox Co portion (Dan Ellsworth / Chris Welsh), lrs; 24 Feb (1) Eagle Bend (RDH, DMy), ers. **Bald Eagle**: 23 Feb (2 young in nest) Fort Loudoun Dam, Loudon Co (Patty Ford). **Golden Eagle**: 23 Dec (1 im) Crossville CBC (Doug Downs); 4 Jan (1) Hiwassee CBC. **Virginia Rail**: 14 Dec (2) Standifer Gap Marsh, Hamilton Co (David Patterson); 13 Jan / 22 Feb (1) Meadowview golf course, Kingsport (RLK / RAP). **Sora**: 2 Dec / 13 Jan (1) Meadowview golf course, Kingsport (RLK). **Sandhill Crane**: 309 were harvested during Tennessee's first hunting season (fide TWRA); 9 Jan (15) Limestone (RRK); 9 Jan (7) Bristol (Janice Martin); 20 Jan (8) Upper Douglas L (MBS); latter records east of usual corridor. **Whooping Crane**: 13 Dec thru season (1-2) Hiwassee (CM)

Shorebirds - Falcon: **Spotted Sandpiper**: 28 Dec (1) Nickajack CBC. **Greater Yellowlegs**: 28 Dec (1) Cherokee L, Grainger Co portion (DHM); 12 Feb (1) Norris L (RDH, DMy), ers; 27 Feb (2) John Sevier L (SHu). **Least Sandpiper**: 7 / 10 Dec (2 / 1) Eagle Bend (RDH, DMy); 11 / 16 Dec (1) Washington Co (RLK); 4 Jan (16) Hiwassee CBC; 5 / 20 Jan (2 / 4) Upper Douglas L (MBS). **Dunlin**: 10 Dec (1) Eagle Bend (RDH, DMy); 10 Dec (1) Oneida (NeM); 17 Dec / 20 Jan (28 / 16) Upper Douglas L (MBS); 4 / 25 Jan (77 / 33) Hiwassee (KAC et al.). **Bonaparte's Gull**: 30 Jan (1,000) Cherokee L (RDH, DMy), max. **LITTLE GULL**: 7-9 Dec (1 ad) Chickamauga L (DH, Andrew Theus, m.ob.), possibly same bird as seen in late Nov. **Ring-billed Gull**: 15 Feb (1,800) Boone L (RLK), rather high count. **Lesser Black-backed Gull**: 8 Dec (1 ad) Fort Loudoun L, Knox Co portion (Chris Welsh). **Short-eared Owl**: 27 Dec - 9 Jan (1) Phipps Bend (RAP, m.ob.). **Rufous Hummingbird**: this season (9 banded and 4 recaptures) East Tenn (Mark Armstrong). **Merlin**: 20 Jan (1) Eagle Bend (RDH, DMy); 31 Jan (1) Limestone (RLK). **Peregrine Falcon**: 17 Dec thru season (1) Maryville, Blount Co (WB); 14-19 Jan (1-2) Limestone (RLK, m.ob.). **PRAIRIE FALCON**: 4 Jan (1) Hiwassee CBC (TLR, LAW).

Phoebe - Siskin: **Eastern Phoebe**: normal numbers in Tri-cities area despite cold. **Loggerhead Shrike**: thru season (1 each at 3 sites) Washington Co (m.ob.) and (1) Greene Co (DHM); 11 Jan (1) Bradley Co (John Champion); 22 Feb (1) Hawkins Co (SHu). **White-eyed Vireo**: 29 Dec (1) Hiwassee (Rick Houlk). **Blue-headed Vireo**: 1 Jan (1) Hiwassee (Rick Houlk). **Common Raven**: 11 / 24 Dec (1) Limestone (RLK); 3 Jan / 18 Feb (1 / 2) Johnson City (DK / RLK); 5 Jan (1) Phipps Bend (SHu); 21 Jan (1) Greeneville (DHM); 21 Feb (1) Boone L (RLK). **Horned Lark**: 18 Jan (400+) Limestone (RLK, m.ob.), new

high count in NE TN. **Tree Swallow**: 9 Feb (2) John Sevier L (SHu), ers; 17 Feb (1) Hiwassee (David Aborn); 19 Feb (22) Kyker Bottoms, Blount Co (WB); 22 Feb - reports in Greene, Hamblen, Hawkins, Sullivan and Bradley Cos (m.ob.); 24 Feb (150) Eagle Bend (RDH, DMy), max. **Northern Rough-winged Swallow**: 4 Jan (1) Hiwassee CBC (KAC), very late. **Red-breasted Nuthatch**: 18 Jan (4) Big South Fork, Fentress Co (Charles Nicholson), only report. **Brown-headed Nuthatch**: 10 Dec (1) Huntsville, at water plant (NeM); 1 Feb (6) Loyston Point, Norris L (NeM); both are first Co records. **House Wren**: 4 Jan (1) Knoxville CBC; 9 Jan (1) Washington Co (TSM, CMy). **Marsh Wren**: 2 Dec / 8, 24 Feb (1-2) Meadowview golf course, Kingsport (RLK, SHu); 1 Feb (2) Wal-Mart Distribution Center, Greene Co (DHM). **Gray Catbird**: 21 Dec (1) Kingsport CBC (RRK, RLK). **Cedar Waxwing**: reduced numbers after the CBC period in Tri-cities region. **Lapland Longspur**: 4 Dec - 31 Jan (2-8) Limestone (RLK, m.ob.); 14 Dec (1) Chattanooga CBC. **Orange-crowned Warbler**: 4 Jan (1) Knoxville CBC; 20 Jan (1) Eagle Bend (RDH, DMy). **Palm Warbler**: 4-24 Dec (1-4) Limestone (RLK); 15 Dec / 17 Feb (1 / 2) Greene Co (DHM); 13 / 30 Jan (2) Kingsport (RLK); 25 Jan (1) Chickamauga Dam (CW). **Lincoln's Sparrow**: 6-7 Jan (1, at feeder) Cumberland Co (EKL). **"Oregon" Dark-eyed Junco**: 26-28 Feb (1, at feeder) Johnson City (RLK), 1st Washington Co record and about 5th in NE TN. **Summer Tanager**: 14-24 Dec (1 female, at feeder) Cumberland Co (John Conrad, photo). **PAINTED BUNTING**: 27 Jan (1 ad male) Maryville, Blount Co (Bob Howdeshell, photo). **Purple Finch**: very few reports. **Pine Siskin**: no reports.

Locations: Boone L - Sullivan and Washington Cos; Cherokee L - Jefferson and Grainger Co portion; Chickamauga L - Hamilton Co; Douglas L - Sevier and Jefferson Co; Eagle Bend - fish hatchery in Anderson Co; Fort Loudoun L - Knox and Blount Co; Hiwassee - Meigs Co; Huntsville - Scott Co; John Sevier L - Hawkins Co; L Tansi - Cumberland Co; Limestone - Washington Co; Norris L - Union Co portion; Oneida - Scott Co; Phipps Bend - Hawkins Co; Upper Douglas L - Cocke Co.

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EASTERN MOUNTAIN REGION - - December was wet and rather mild. Precipitation was 7.6 centimeters above normal while temperatures were 3 degrees above normal. January was dry and cold. Precipitation was 3.8 centimeters below normal and temperatures averaged 6.7 degrees below normal. There were three days in January that had low temperatures below zero in the lowland areas and several more days with similar lows in the higher mountains. The coldest was 17 degrees below zero at Mt. Le Conte in Great Smokey Mountains National Park on 7 January. Temperature and precipitation were nearer to normal in February.

In general, it was a good season for waterfowl. Although arriving late and in low numbers, Eared Grebes were present at South Holston Lake for the twentieth consecutive year. Four Short-eared Owls that over-wintered in Cades Cove attracted many birders. Other

highlights included Golden Eagles, a Lesser Black-backed Gull, and an unexpectedly late Northern Parula. Winter irruptive finches were in very low numbers.

Goose - Grebe: **Greater White-fronted Goose**: from Nov thru 14 Dec (1) Great Lakes pond and vicinity, Carter Co (m.ob.). **Snow Goose**: 10 Jan (2) Unicoi Co (JHM). **Tundra Swan**: 11 Jan (4, flying over) Holston Valley, Sullivan Co (DK). **Northern Shoveler**: thru period (1-3) Erwin (JHM, m.ob.). **Northern Pintail**: 10 Jan thru Feb (1) Erwin (JHM, m.ob.). **Canvasback**: 9 Dec (2) South Holston L (RLK); 24-29 Jan (1) South Holston R (RLK); 26 Jan - 15 Feb (1-3) Erwin (JHM, m.ob.). **Redhead**: 9 Dec (40) South Holston L (RLK); 10 Jan into Mar (max 64) South Holston R weir (RLK, m.ob.); mid-Jan into Mar (max 46) Wilbur L (BP, JP, m.ob.); 26 Jan into Mar (1-14) Erwin (JHM, m.ob.). **Greater Scaup**: 5-8 Jan (1) Pittman Center (KW); 8 Jan (3) Wilbur L (TSM, CMy, BP, JP); 26 Jan - 9 Feb (8-15) Erwin (JHM, m.ob.); 29 Jan - 22 Feb (8-18) South Holston R weir (RLK, m.ob.); 31 Jan - 7 Feb (8) Watauga R (Harry Farthing, m.ob.); 7 Feb (7) Watauga L (RLK); 17 Feb (21) South Holston R (RLK); well above average numbers. **Lesser Scaup**: 9 Dec (320) South Holston L (RLK); but very low numbers during coldest parts of Jan-Feb in NE TN. **Surf Scoter**: 9 Dec (3) South Holston L (RLK); 29 Jan (14, including 5 males) South Holston L (RLK), new high count in the state. **White-winged Scoter**: 29 Jan (1 male) South Holston L (DK, RLK); 31 Jan - 2 Feb (2 males) South Holston R (TSM, CMy); 31 Jan - 7 Feb (1 male, 1 female) Watauga R (Harry Farthing, m.ob.). **Long-tailed Duck**: 9 Dec / 11 Jan (1) South Holston L (RLK / DK, SHu); 16-24 Feb (4 males, 2 females) South Holston L (TSM, CMy, m.ob.). **Bufflehead**: 20 Jan (204) South Holston R weir (RLK), max. **Common Goldeneye**: 3 Jan (7) Wilbur L (BP, JP); 29 Jan (4) South Holston R (DK); 16-17 Feb (3-10) South Holston L (TSM, CMy, BP, JP); 18 Feb (8) Watauga R (BP, JP). **Common Merganser**: 4-5 Jan (2 females) Wilbur L (BP, JP, RLK, RRK); 30 Jan (8) South Holston L (DW). **Red-breasted Merganser**: 18 Feb (120) South Holston L (BP, JP, RRK), max; 16 Feb (38) Watauga L (TSM, CMy). **Red-throated Loon**: 24 Jan (1) South Holston L (RLK). **Horned Grebe**: 9 Dec (94) South Holston L (RLK); 12 Jan / 7 Feb (25) Watauga L, Johnson Co portion (RLK); mid-Jan - 6 Feb (1) Erwin (JHM, m.ob.), few records in Unicoi Co. **Eared Grebe**: 6 Dec into Mar (1-2) South Holston L (DK, RLK, m.ob.).

Heron - Falcon: **Black-crowned Night-Heron**: 21 Dec (1) Great Smoky Mtns CBC. **Northern Harrier**: 22 Dec (6) Cades Cove (RDH, DMy), max. **Golden Eagle**: 12-14 Dec (1 im) Shady Valley, Johnson Co (fide Wallace Coffey), trail camera photo at bait; 12 Jan (1 ad) Roan Mtn SP (DK); late Jan (1) Unaka Mtn, Unicoi Co (SGS), was wearing transmitter; 12-22 Feb (1) Unaka Mtn, Unicoi Co (SGS), captured and transmitter placed on bird. **Sandhill Crane**: 5-26 Jan (3) South Holston L (Rack Cross, m.ob.). **Bonaparte's Gull**: 8 Dec (1) Unicoi Co (JHM), few, if any, previous Co records. **Ring-billed Gull**: 5 Jan (2500) South Holston L (Rack Cross), max; 5 Jan (400) Watauga L (TSM, CMy), high number. **Lesser Black-backed Gull**: 14-16 Jan (1 im) South Holston L (DW, m.ob.), third record in NE TN **Eurasian Collared-Dove**: 14 Dec (9) Elizabethton (RLK, et al.), max. **Barn Owl**: 1-29 Dec (1-2) Holston Valley, Sullivan Co (Richard Lewis). **Short-eared Owl**: 11 Dec - 25 Feb (1-4) Cades Cove ((fide Susan Hoyle, m.ob.). **Red-bellied Woodpecker**: 25 Feb (1, at feeder)

Roan Mtn, at 4450 ft elevation (RLK), high elevation for this species. **Merlin**: 14 Dec (1) near Elizabethton (Glen Eller, RRK).

Swallow - Siskin: **Tree Swallow**: 22 Feb (2) South Holston L (RLK et al.) and (1) Pittman Center (KW), ers. **Red-breasted Nuthatch**: 19 Dec / 25 Feb (2) Roan Mtn (RLK); 5 Jan / 16 Feb (1) Iron Mtn, Johnson Co (TSM, CMy); only reports. **House Wren**: 14 Dec (1) near Elizabethton (RLK). **Gray Catbird**: 16 Feb (1) Neva, Johnson Co (TSM, CMy), rather remarkable considering the cold and snow. **Northern Parula**: 27 Dec (1 female) Elizabethton (TSM), first winter record in the state. **Pine Warbler**: 21 Feb (1) Wilbur L (BP, JP), ers in NE TN. **Chipping Sparrow**: 14 Dec (54) Elizabethton CBC; 6 Jan (20) Wilbur L (BP, JP); 12 Jan (10) Butler, Johnson Co (RLK); increasing as a winter resident in NE TN. **Vesper Sparrow**: 29 Dec (1) Cades Cove CBC. **Purple Finch**: few reports, mostly singles; 15 Dec (10) Roan Mtn CBC (Fred Alsop et al.), max. **Red Crossbill**: 19 Dec / 25 Feb (2 / 36) Roan Mtn (RLK); 21 Dec (4) Great Smoky Mtns CBC; 5 Jan / 16 Feb (4-6) Iron Mtn, Johnson Co (TSM, CMy); 7 Feb (2) Watauga L (RLK). **Pine Siskin**: 7 Jan (2) Pittman Center (KW), only report.

Locations: Cades Cove - Great Smoky Mtns N.P.; Elizabethton - Carter Co; Erwin - Unicoi Co; Pittman Center - Sevier Co; Roan Mtn - Carter Co; South Holston L / R - Sullivan Co; Watauga L / R - Carter Co; Wilbur L - Carter Co.

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The Migrant records observations and studies of birds in Tennessee and adjacent areas.

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